

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

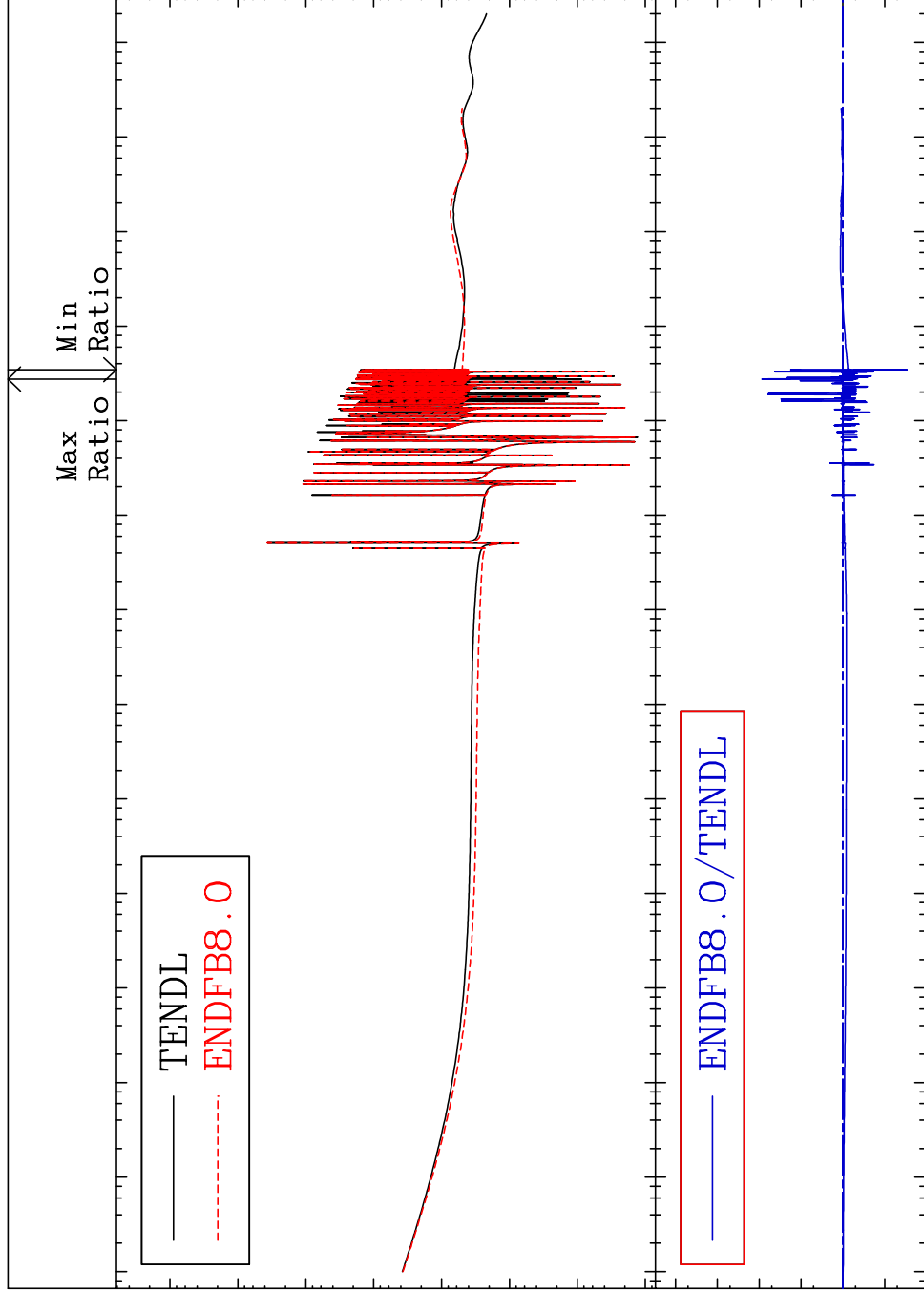
MAT 5643

Total

56-Ba-136

Cross Section

-97.09 To 8553. %



Cross Section (barns)

Ratio

Incident Energy (eV)

1

56-Ba-136

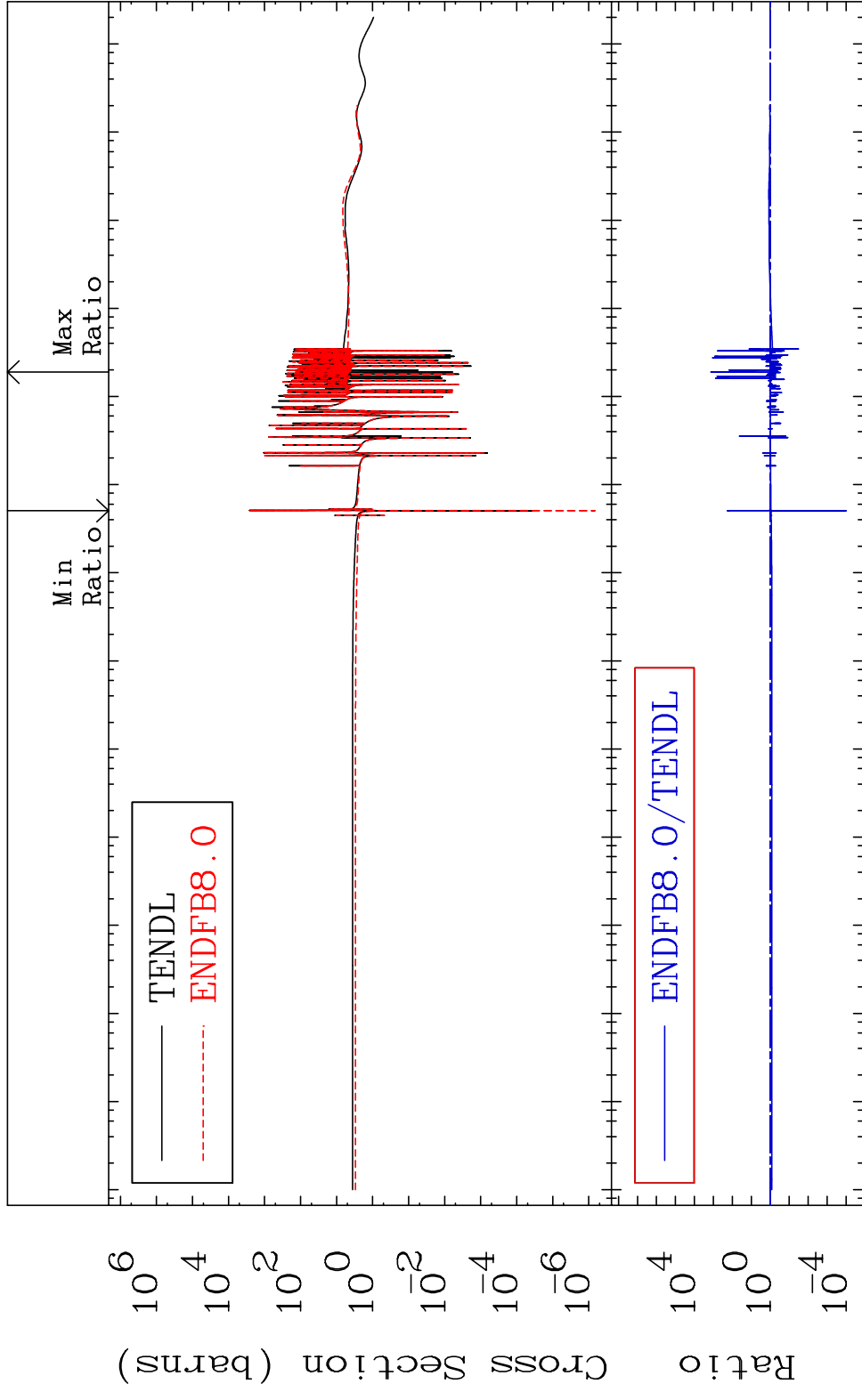
MAT 5643

Elastic

56-Ba-136

Cross Section

-99.99 To 9999. %



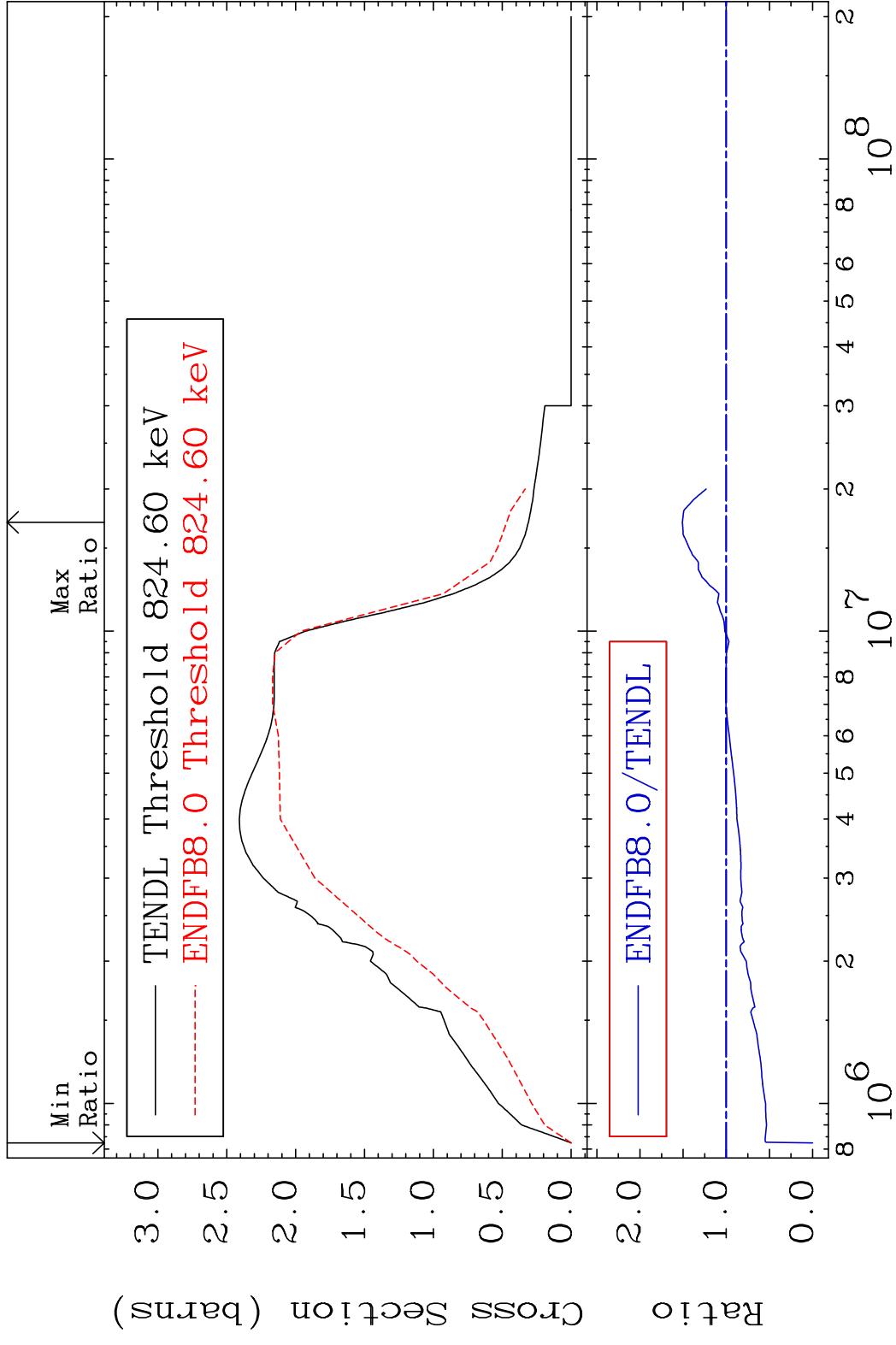
Ratio

2

Incident Energy (eV)

56-Ba-136

MAT 5643 Inelastic Cross Section -100.0 To 50.88 % 56-Ba-136



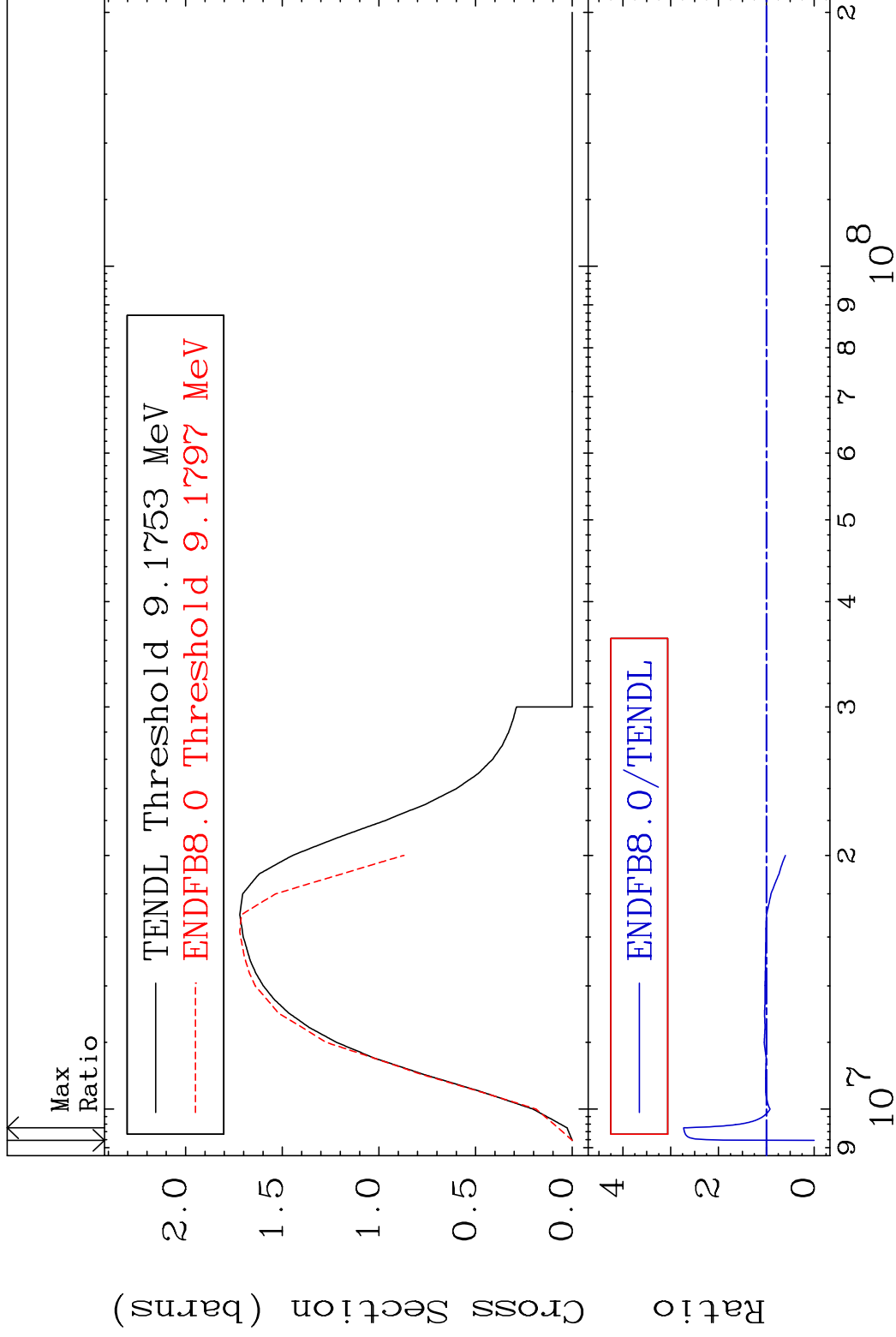
3 Incident Energy (eV) 56-Ba-136

MAT 5643

(n,2n)

56-Ba-136

Cross Section -100.0 To 172.9 %



4

Incident Energy (eV)

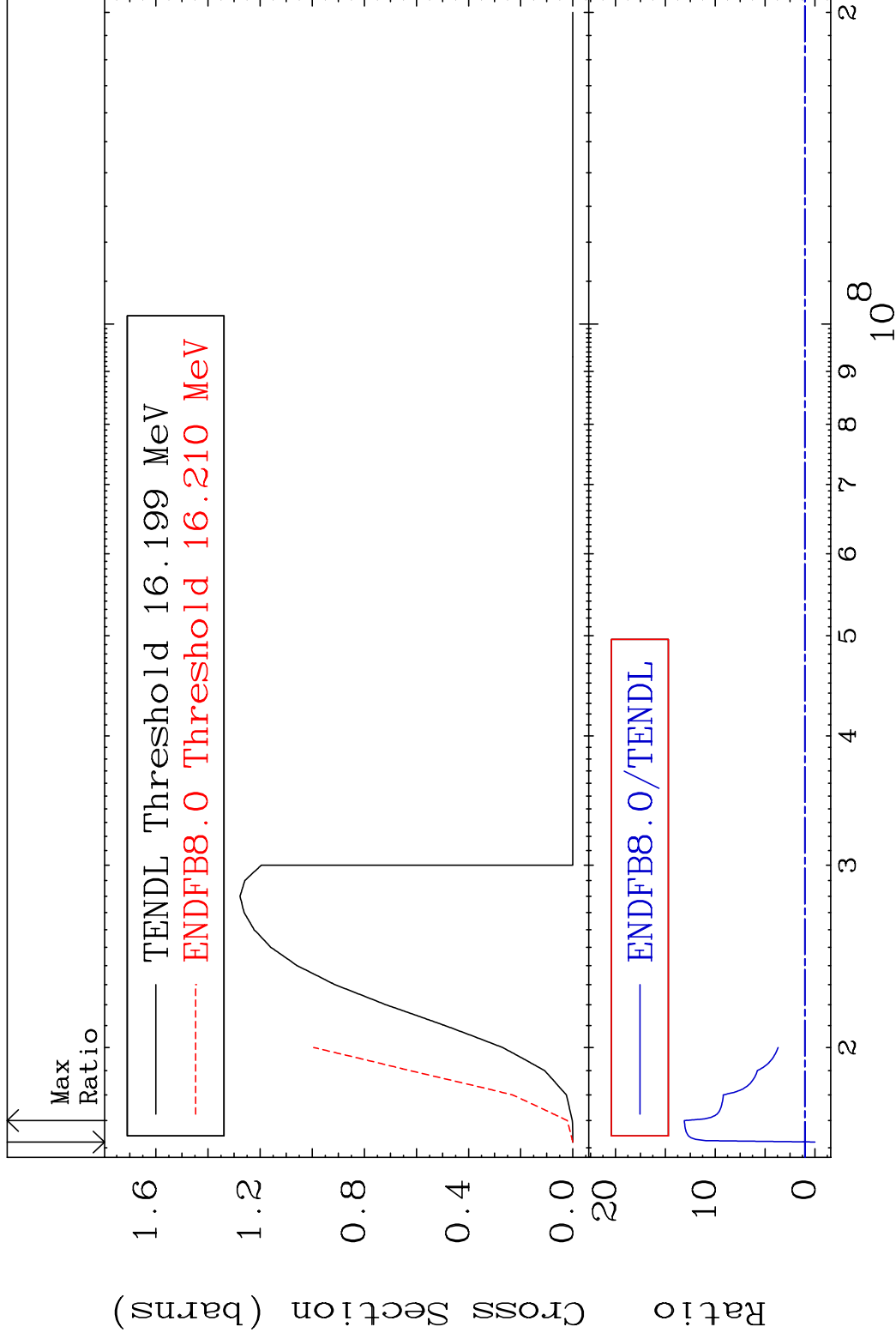
56-Ba-136

MAT 5643

(n,3n)

56-Ba-136

Cross Section -100.0 To 1209. %

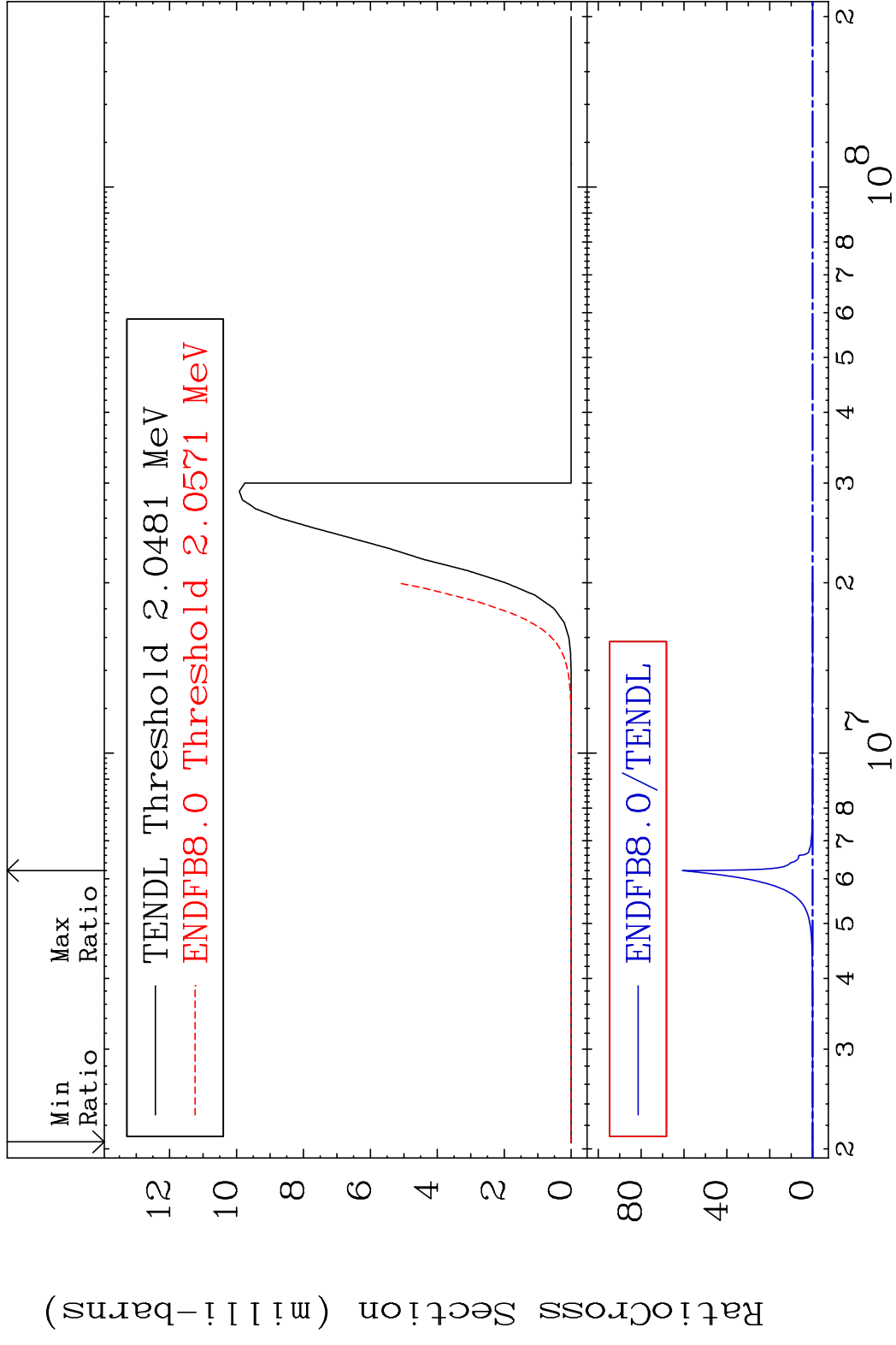


5

Incident Energy (eV)

56-Ba-136

MAT 5643 (n, n') α 56-Ba-136
 Cross Section -100.0 To 9999. %

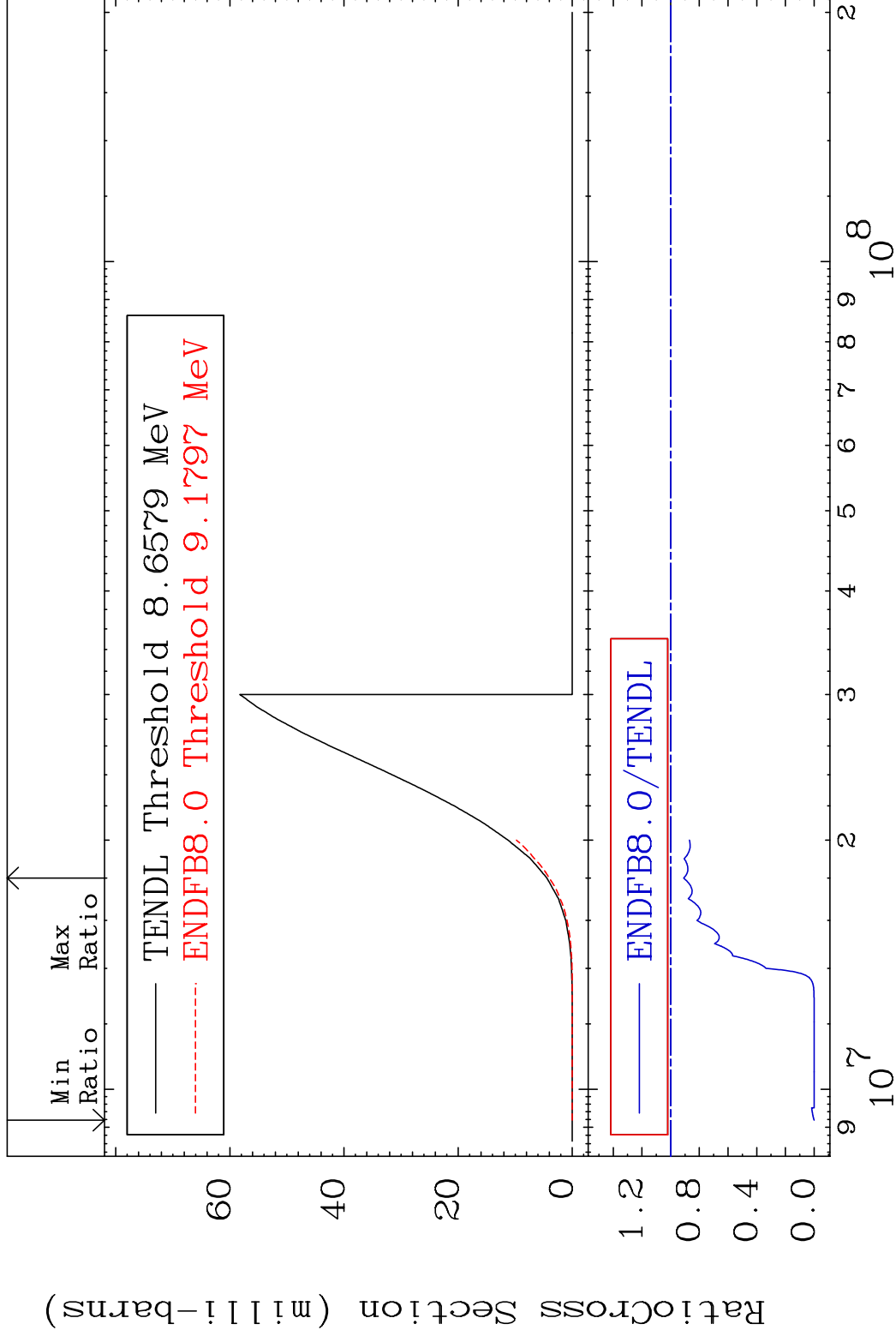


MAT 5643

(n, n') p

56-Ba-136

Cross Section -100.0 To -9.087%

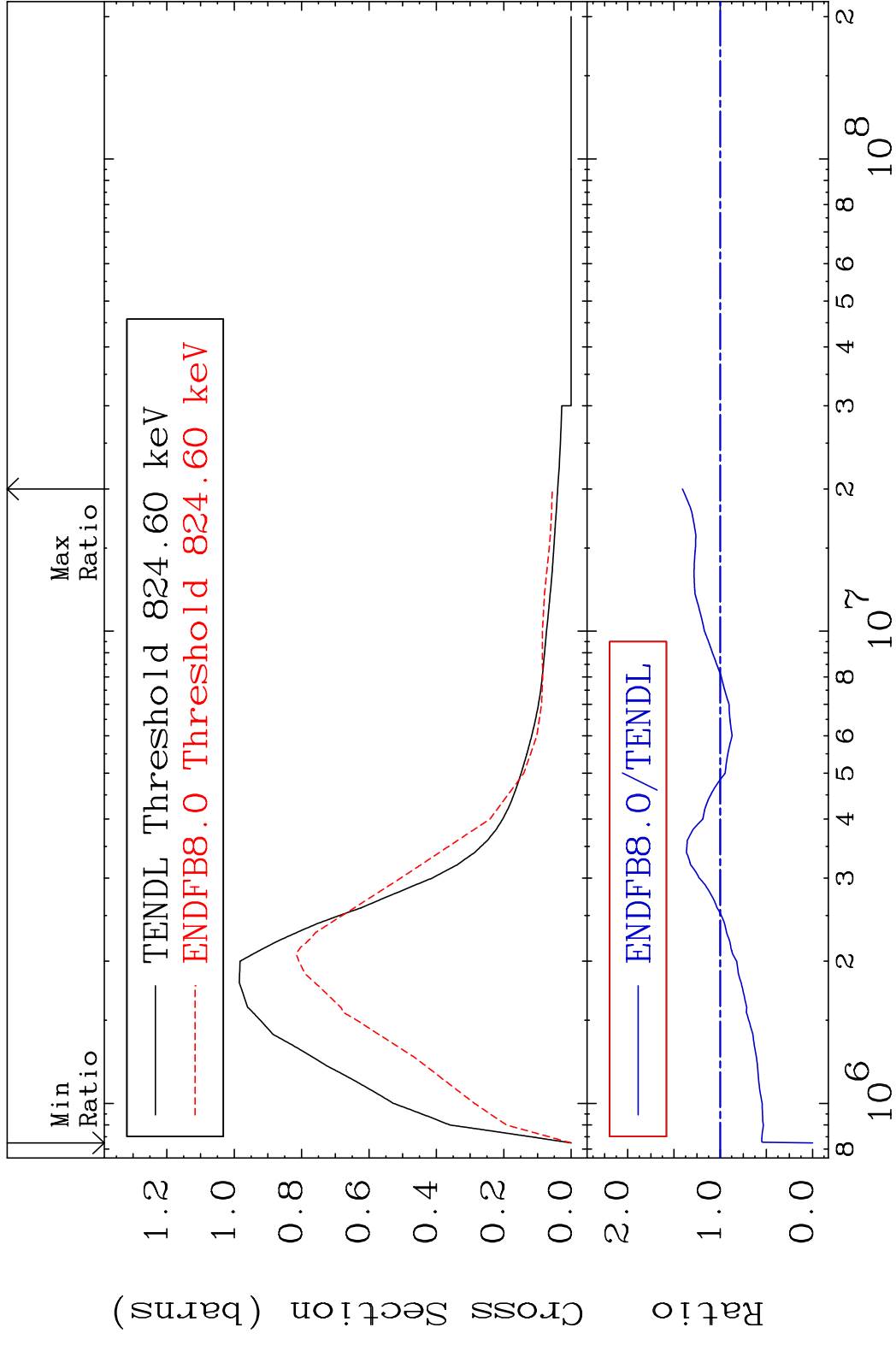


7

Incident Energy (eV)

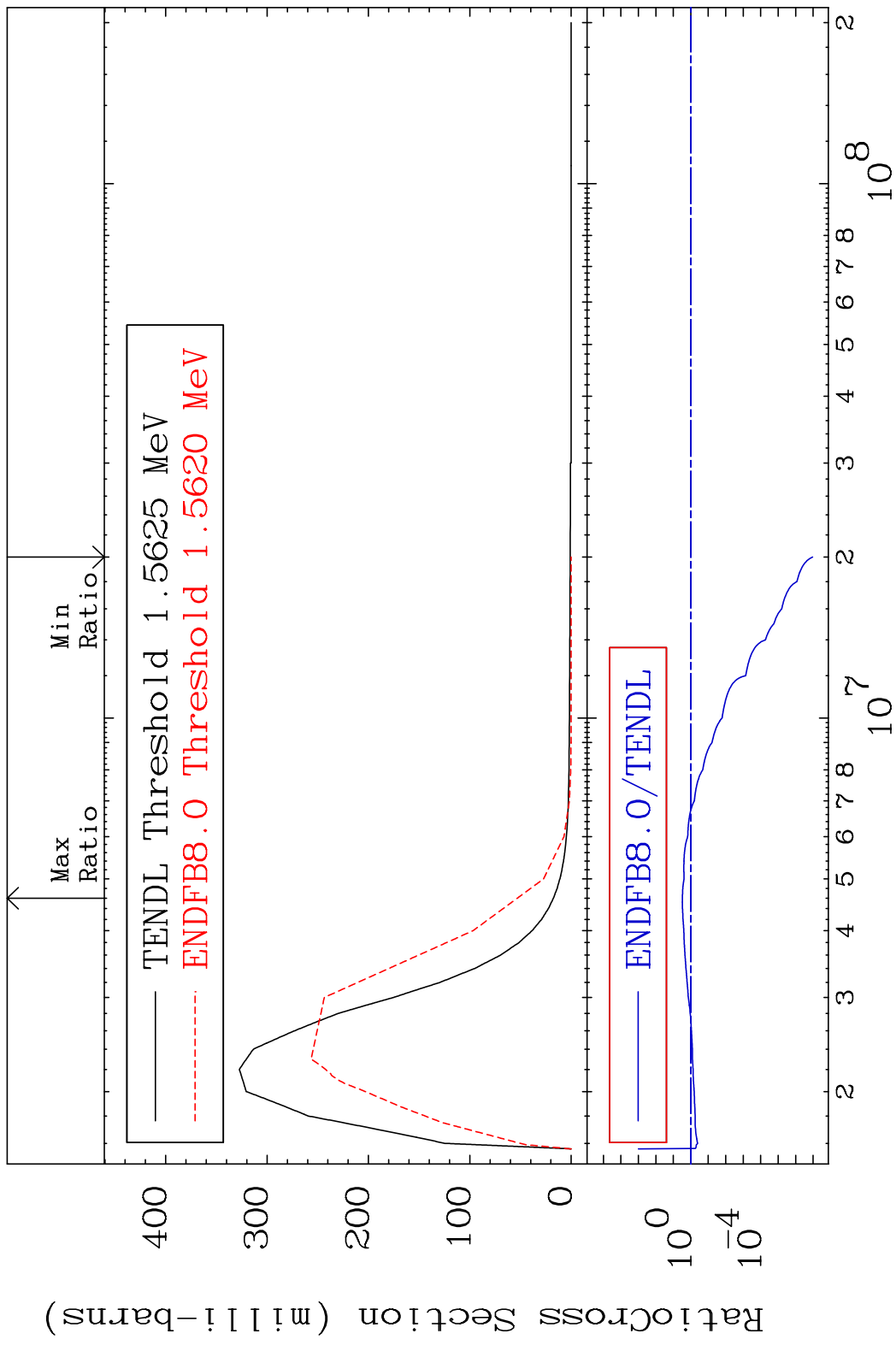
56-Ba-136

MAT 5643 MT= 51 (n, n') Level 56-Ba-136
 Cross Section -100.0 To 40.89 %

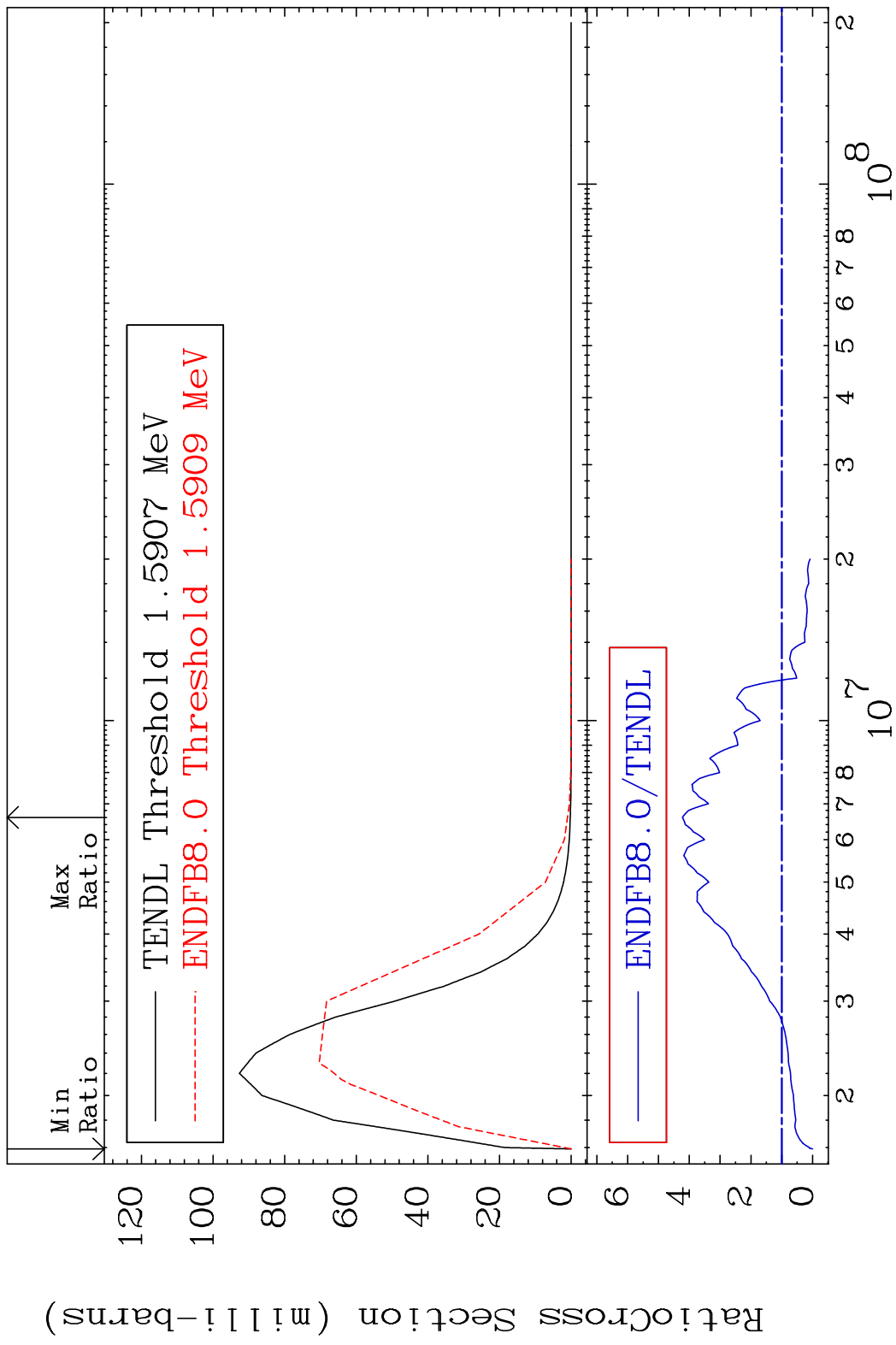


8 Incident Energy (eV) 56-Ba-136

MAT 5643 MT= 52 (n, n') Level 56-Ba-136
 Cross Section -100.0 To 203.5 %

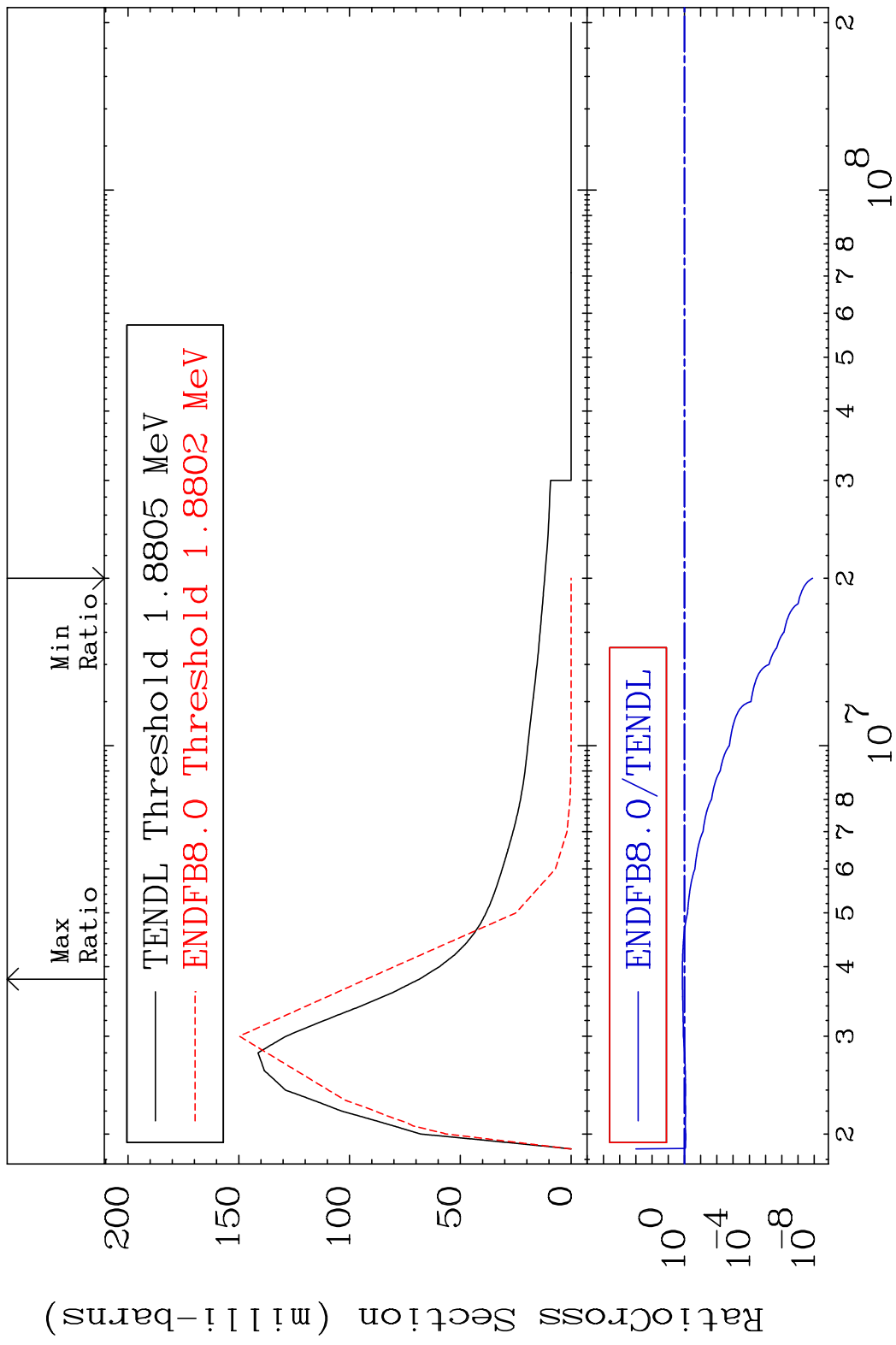


MAT 5643 MT= 53 (n, n') Level 56-Ba-136
 Cross Section -100.0 To 322.5 %



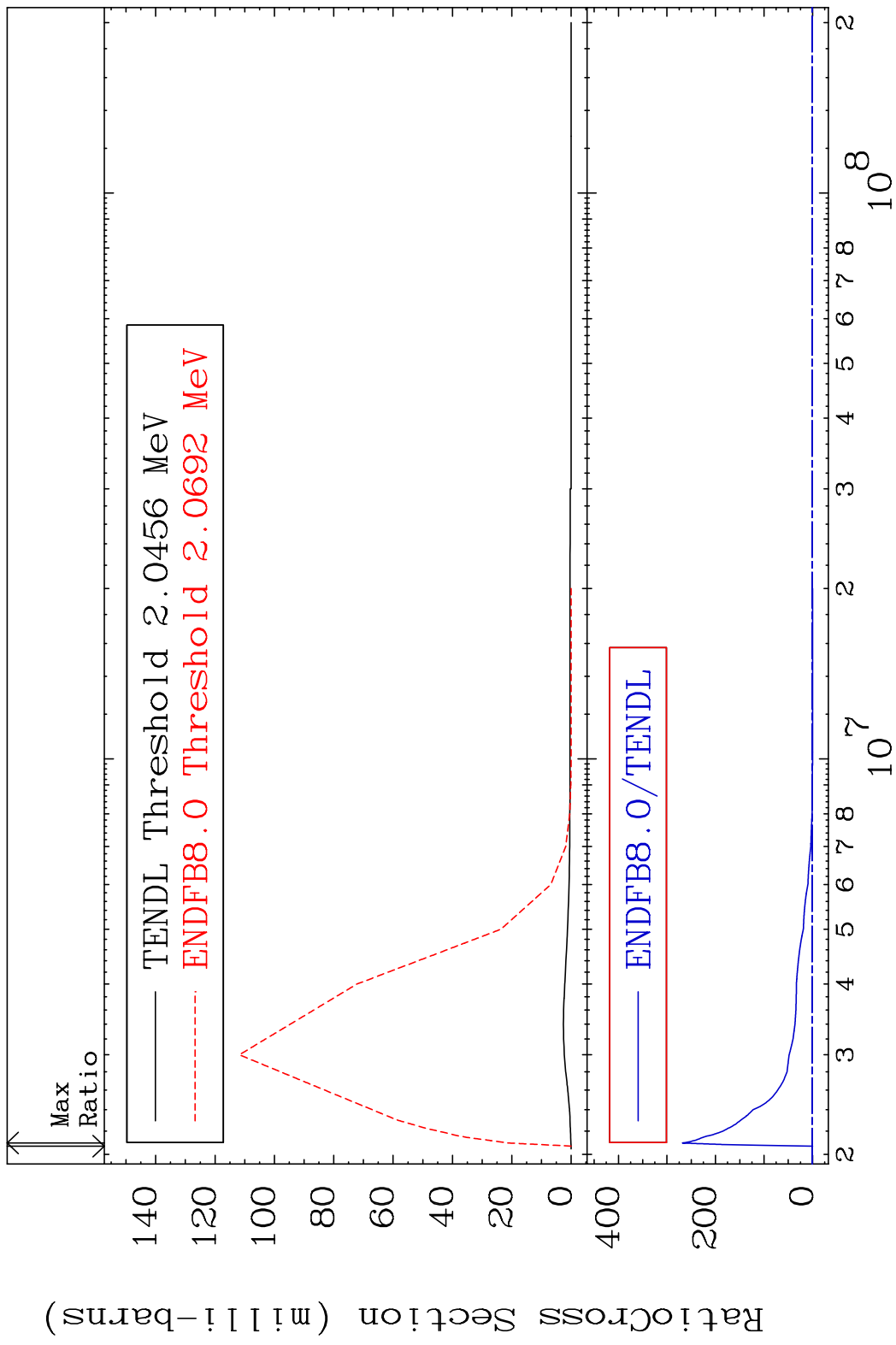
10 Incident Energy (eV) 56-Ba-136

MAT 5643 MT= 54 (n, n') Level 56-Ba-136
 Cross Section -100.0 To 34.94 %

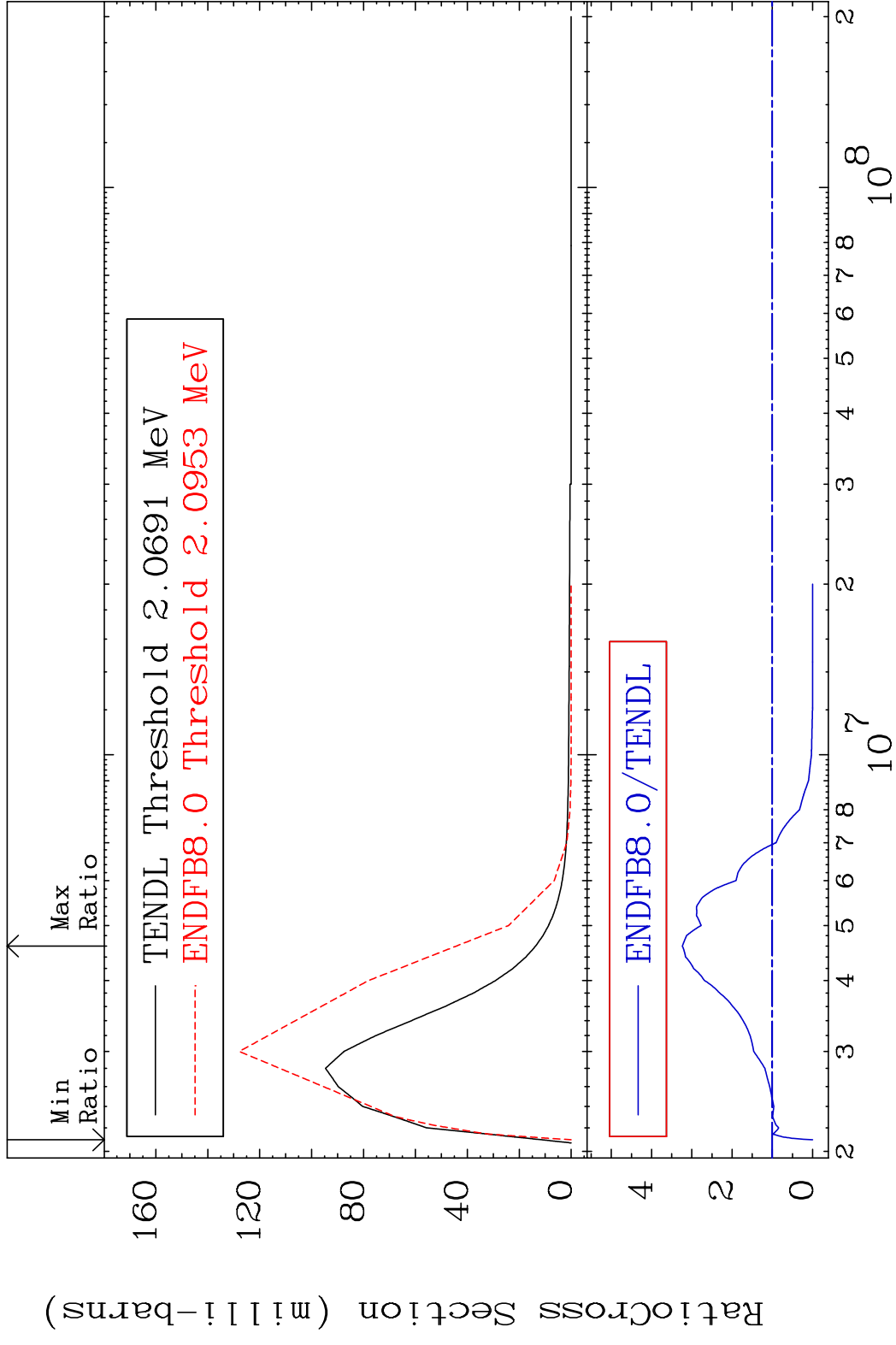


11 Incident Energy (eV) 56-Ba-136

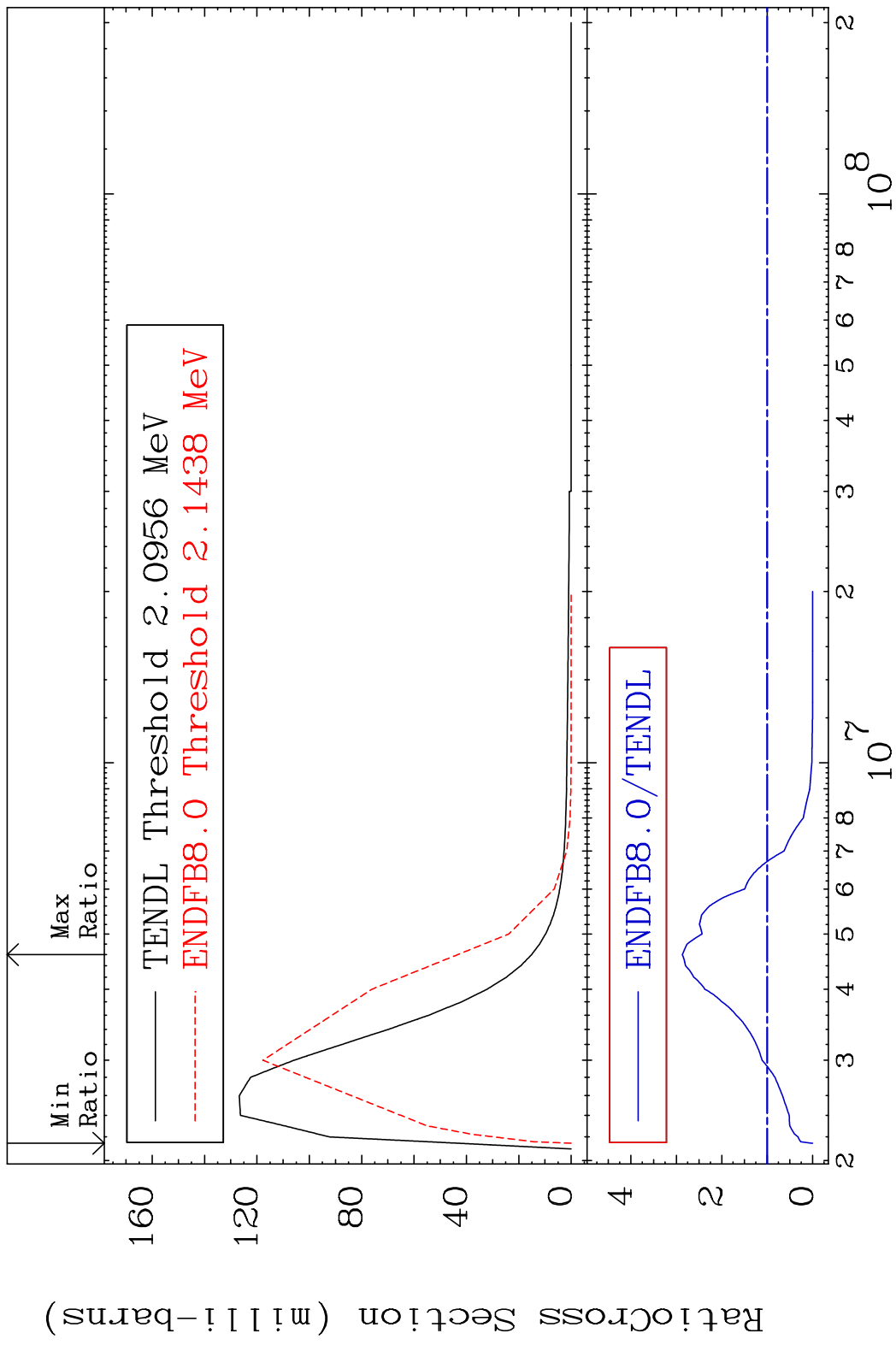
MAT 5643 MT= 55 (n,n') Level 56-Ba-136
 Cross Section -100.0 To 9999. %



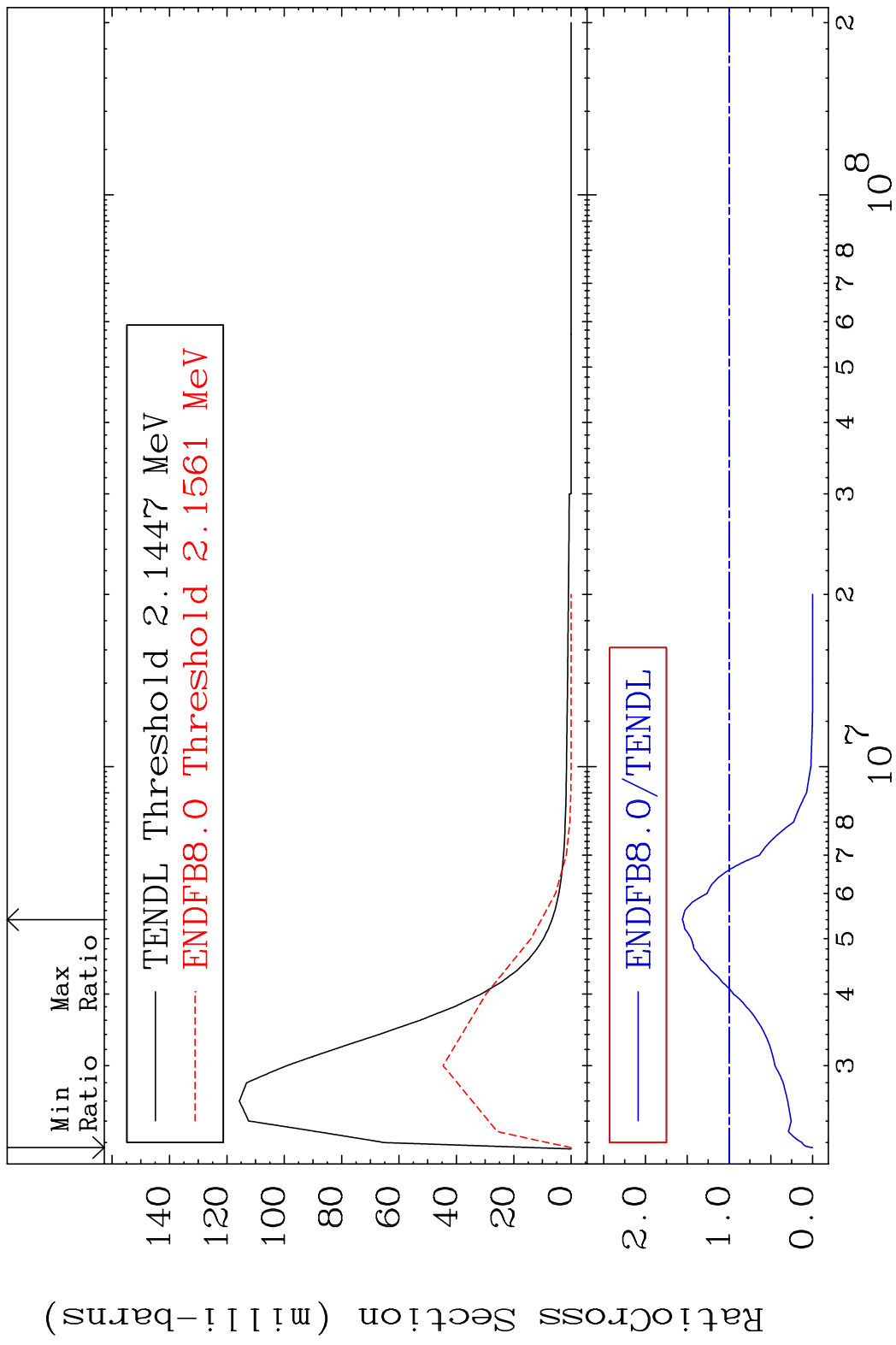
MAT 5643 MT= 56 (n,n') Level 56-Ba-136
 Cross Section -100.0 To 223.5 %



MAT 5643 MT= 57 (n, n') Level 56-Ba-136
 Cross Section -100.0 To 186.8 %



MAT 5643 MT= 58 (n,n') Level 56-Ba-136
 Cross Section -100.0 To 55.91 %

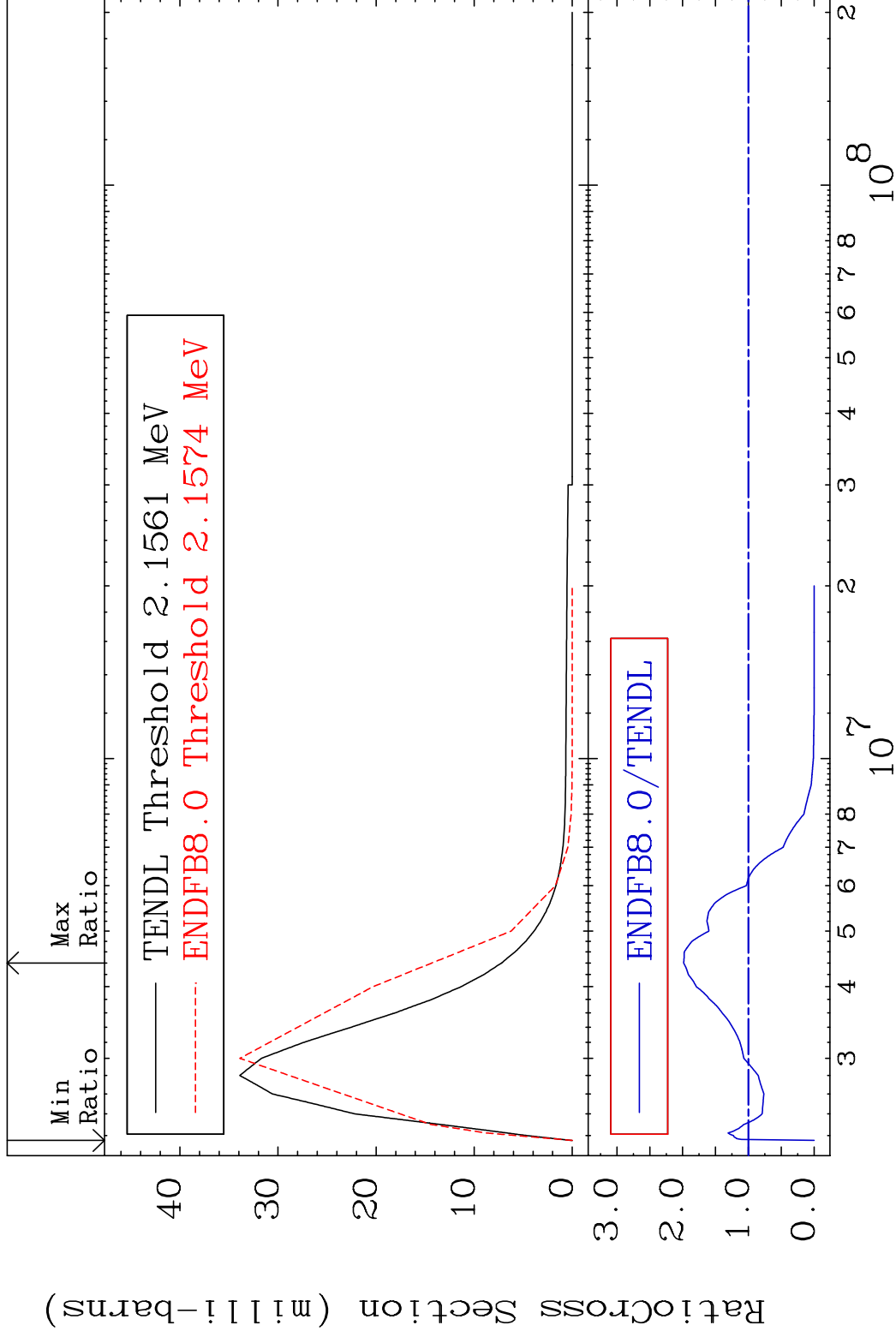


MAT 5643

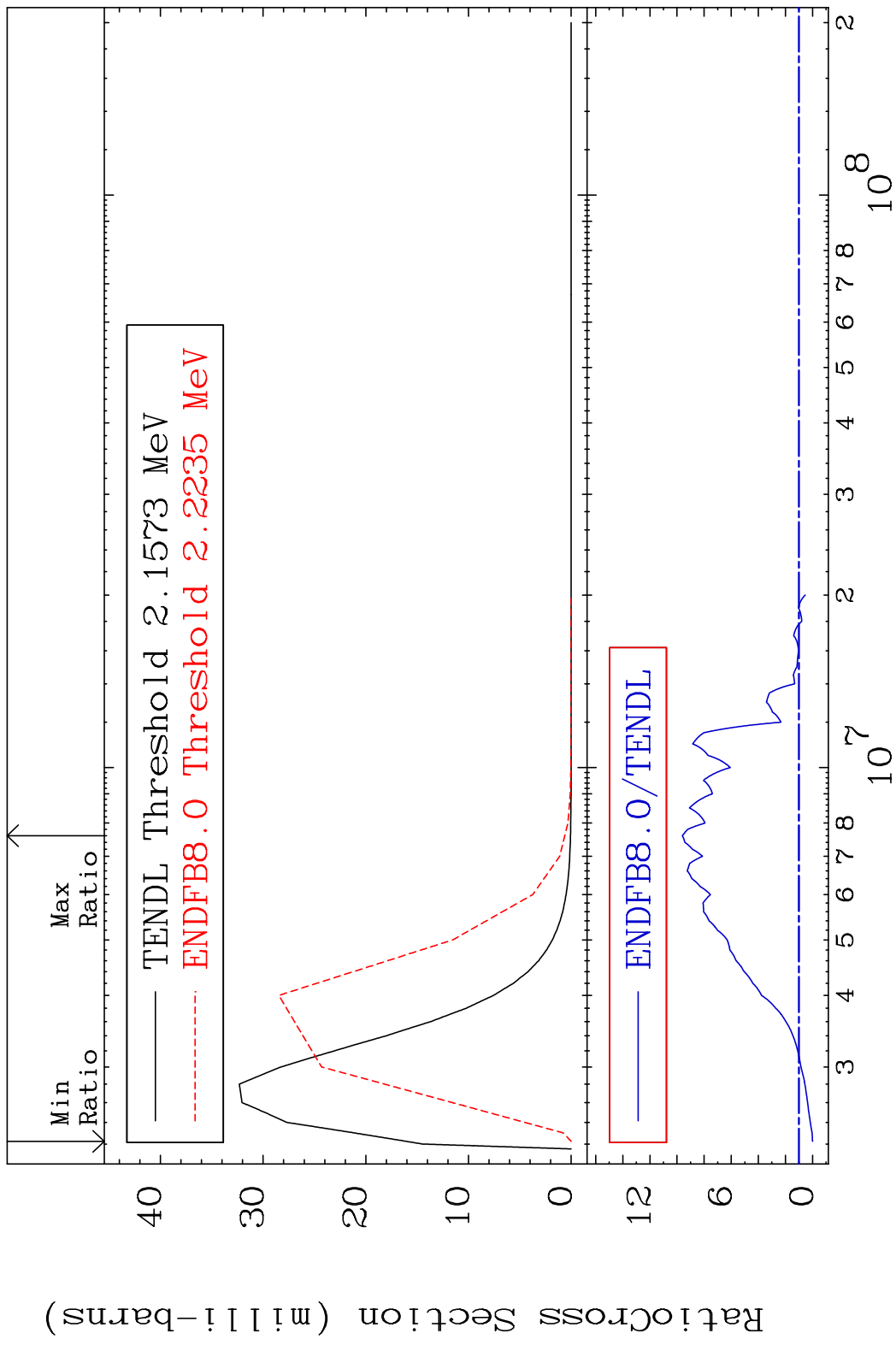
MT= 59 (n, n') Level

56-Ba-136

Cross Section -100.0 To 98.47 %



MAT 5643 MT= 60 (n, n') Level 56-Ba-136
 Cross Section -100.0 To 860.6 %

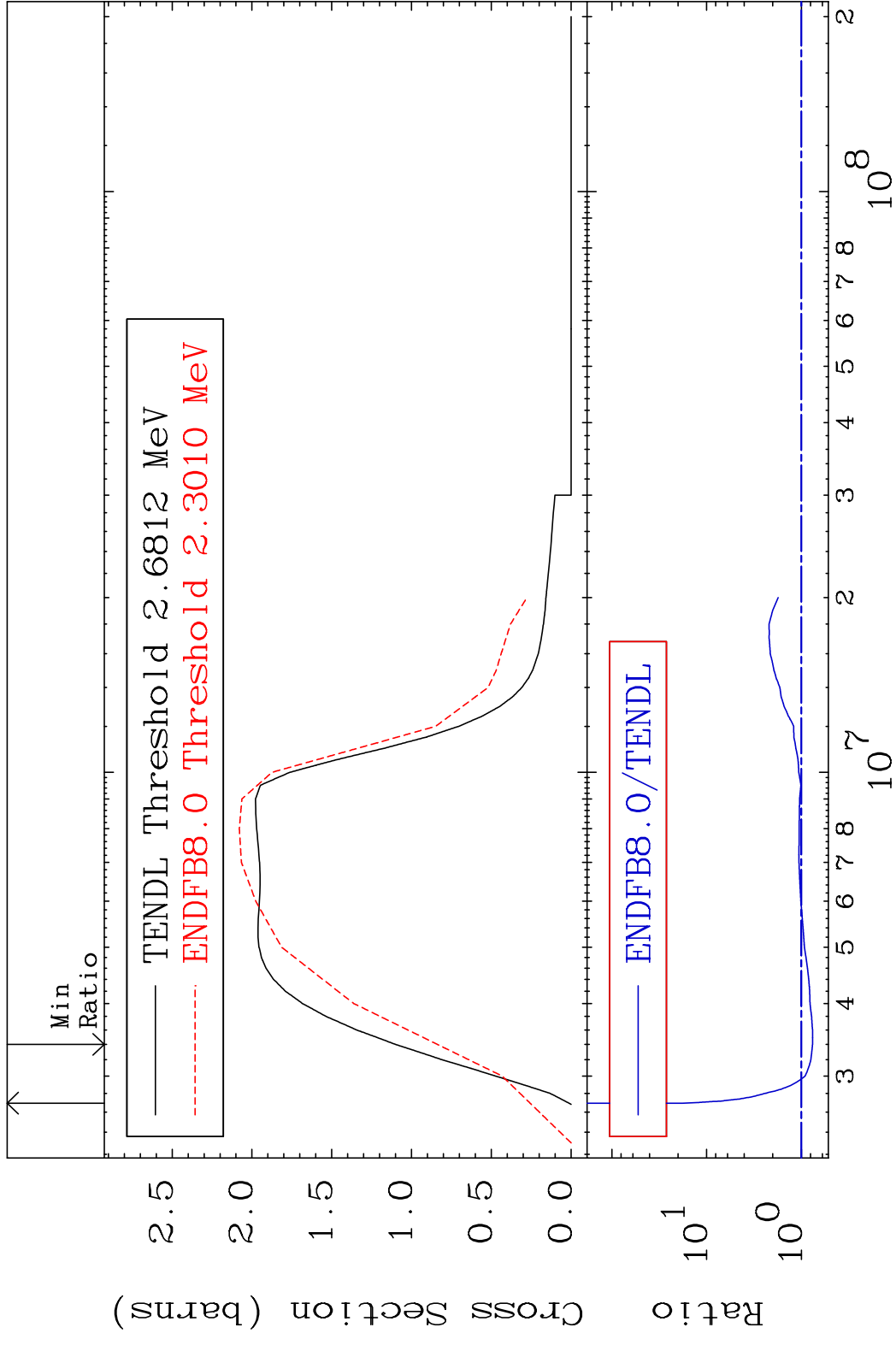


MAT 5643

(n,n') Continuum

56-Ba-136

Cross Section -23.90 To 1701. %

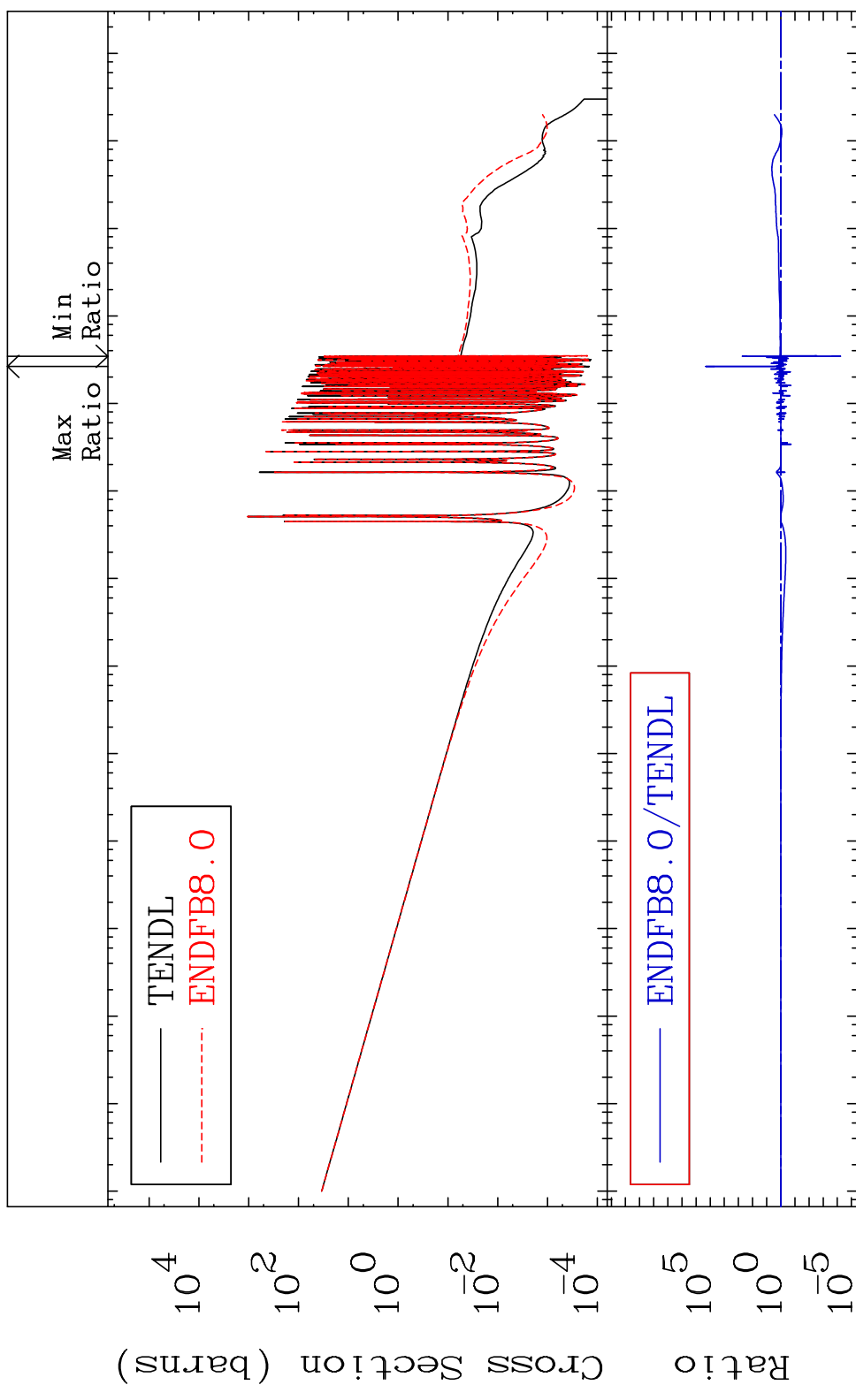


MAT 5643

(n, γ)

56-Ba-136

Cross Section -99.99 To 9999. %

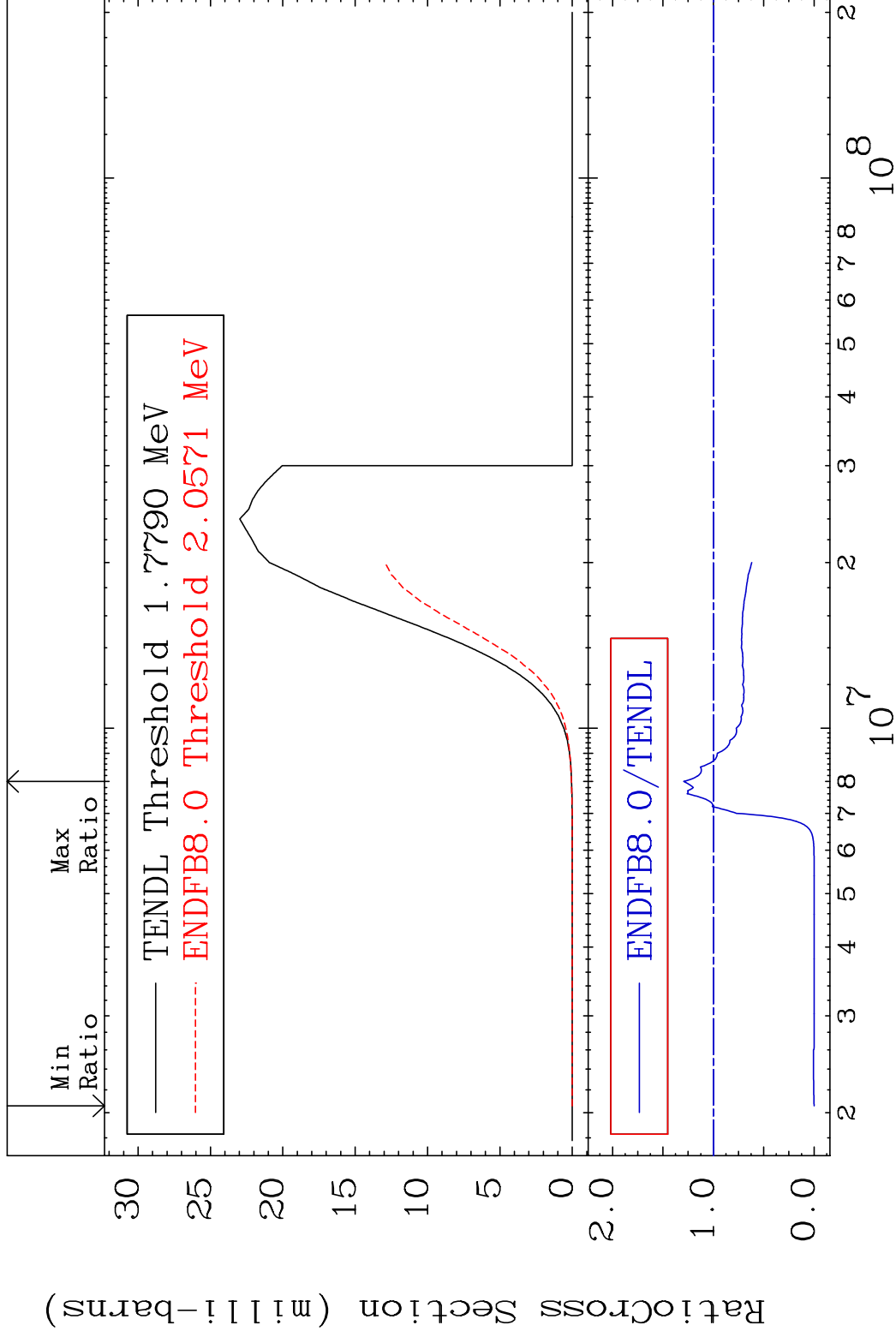


MAT 5643

(n,p)

56-Ba-136

Cross Section -100.0 To 29.42 %



20

Incident Energy (eV)

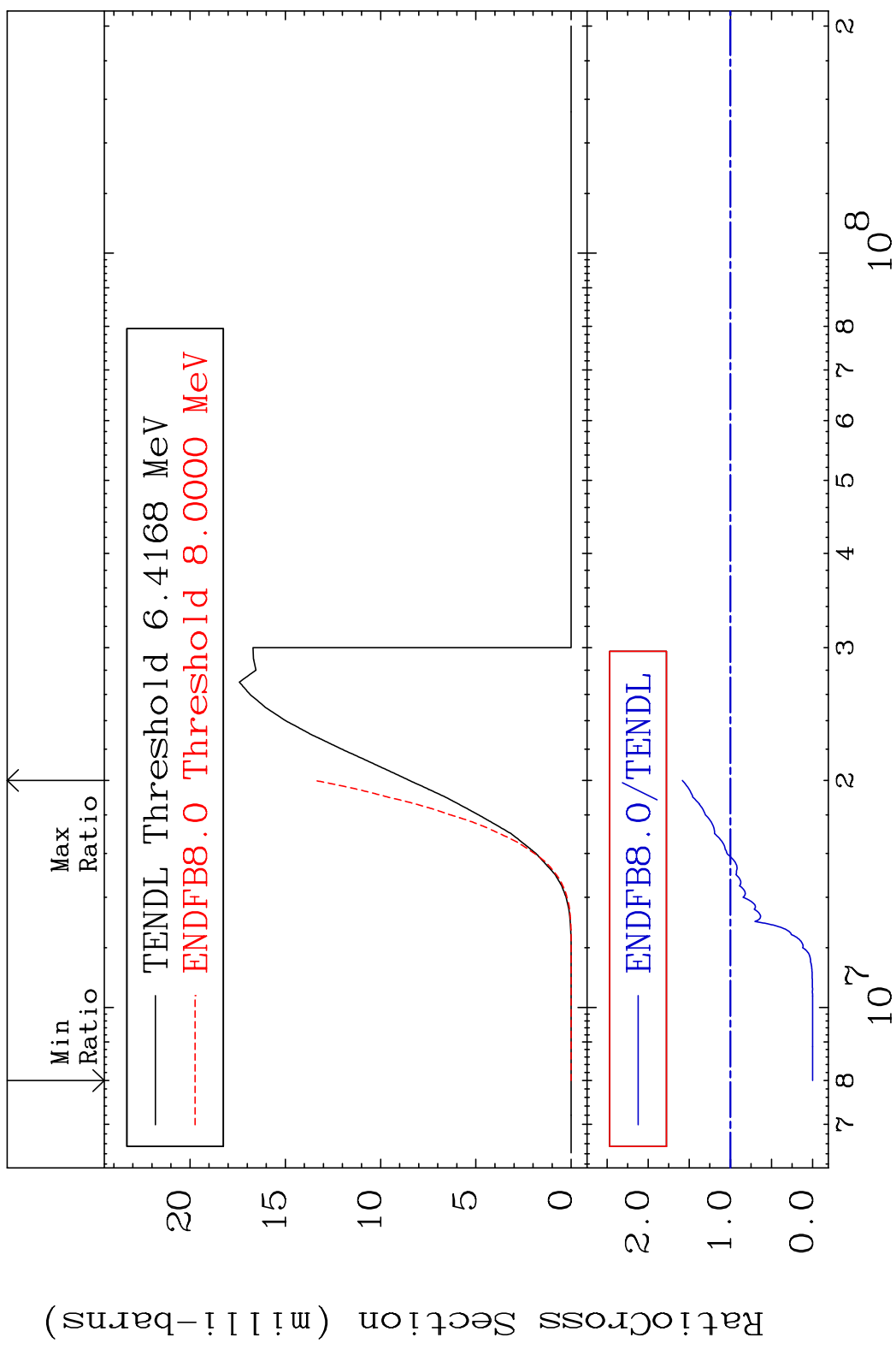
56-Ba-136

MAT 5643

(n, d)

56-Ba-136

Cross Section -100.0 To 58.48 %

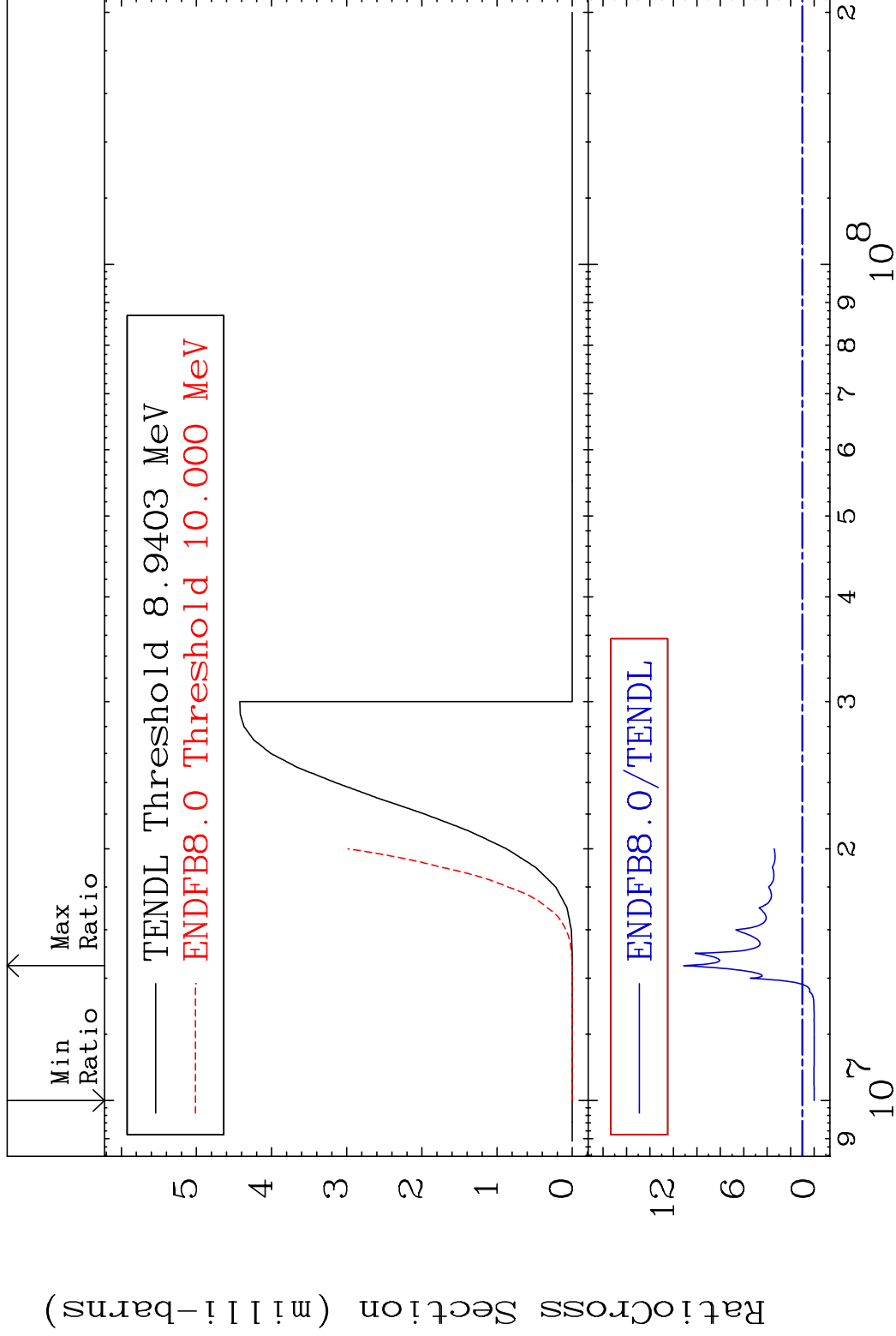


MAT 5643

(n, t)

56-Ba-136

Cross Section -100.0 To 1012. %



22

Incident Energy (eV)

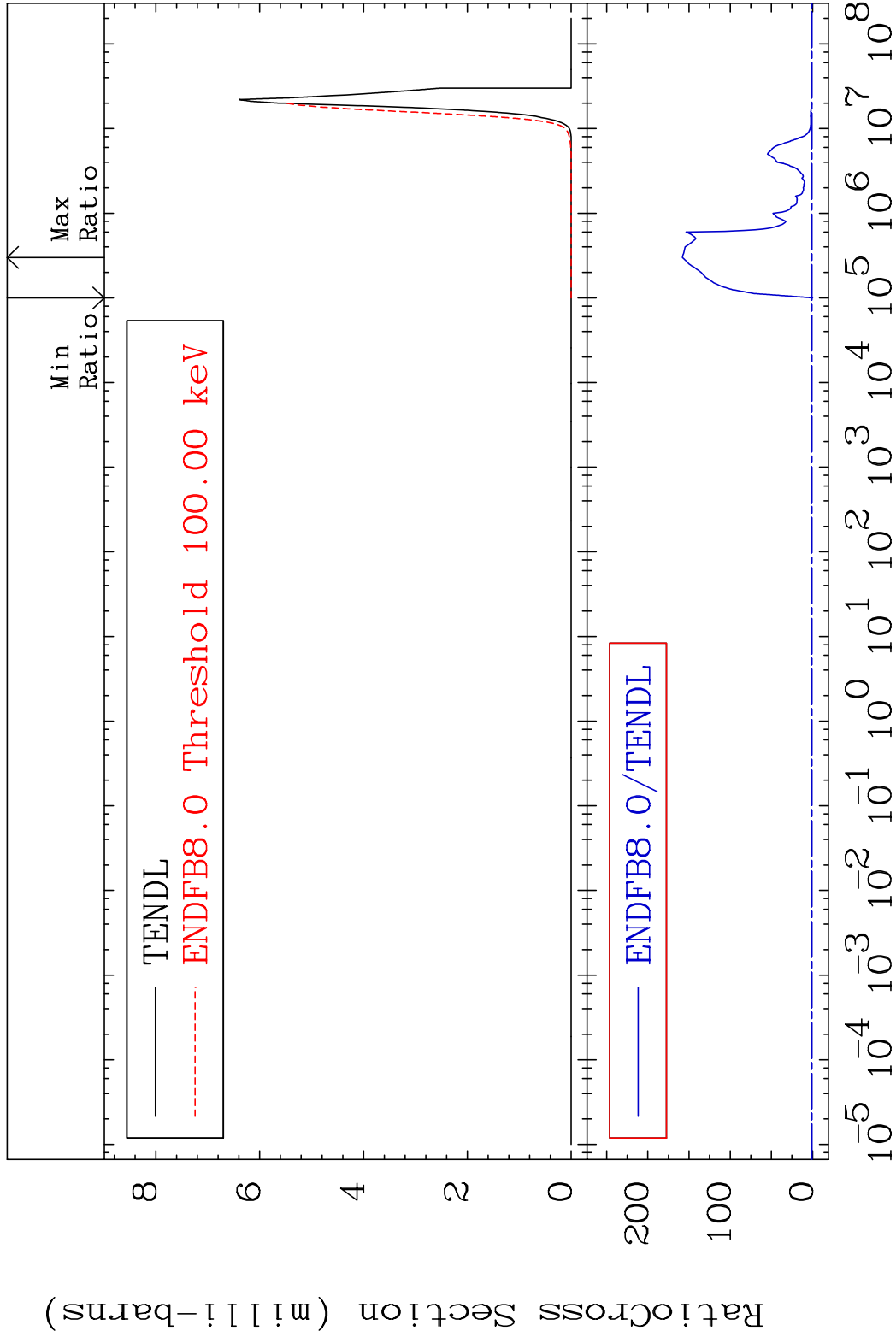
56-Ba-136

MAT 5643

(n, α)

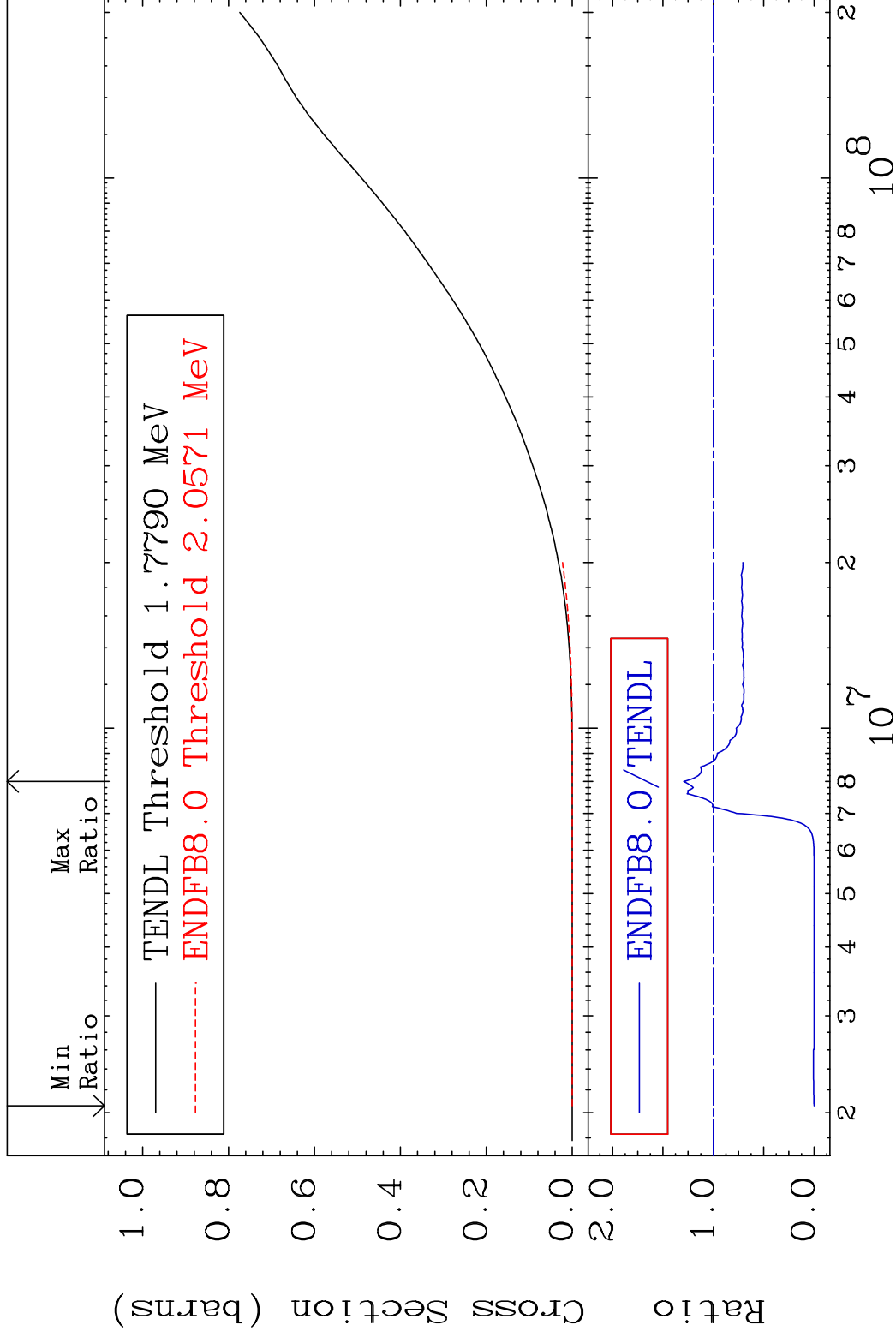
56-Ba-136

Cross Section -100.0 To 9999. %



MAT 5643

Hydrogen Production 56-Ba-136
Cross Section -100.0 To 29.42 %



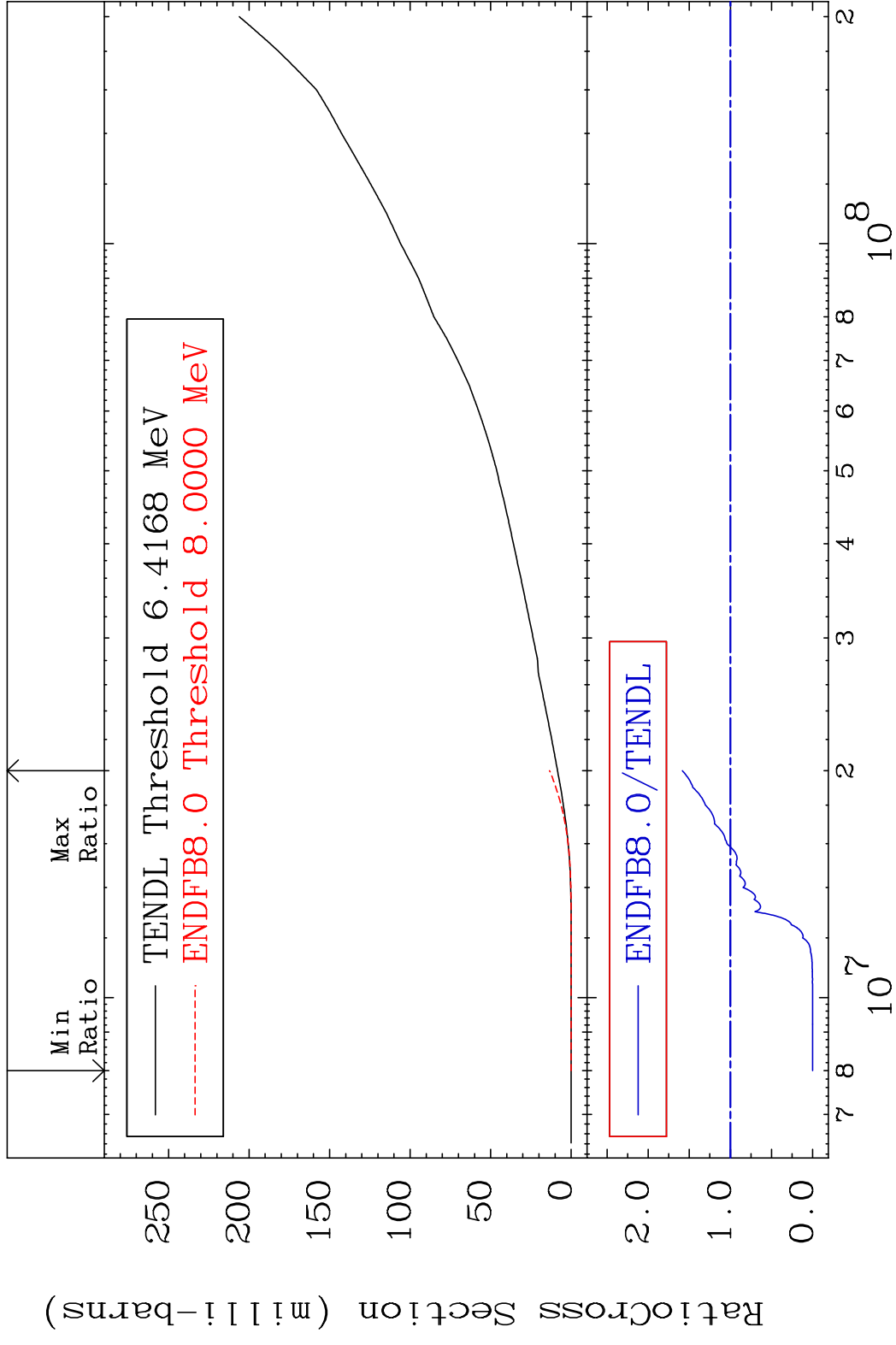
24

Incident Energy (eV)

56-Ba-136

MAT 5643

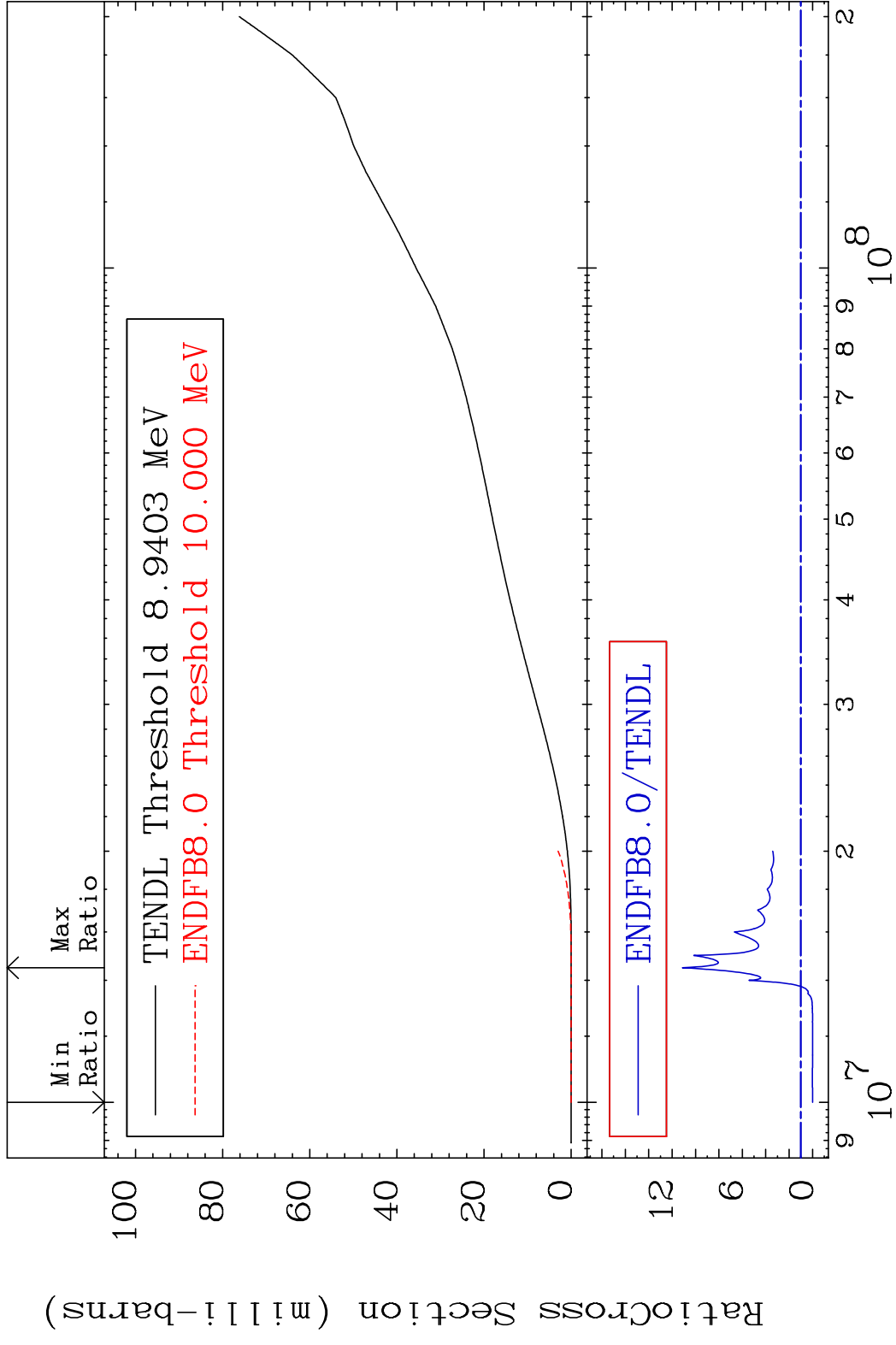
Deuterium Production 56-Ba-136
Cross Section -100.0 To 58.47 %



MAT 5643

Tritium Production 56-Ba-136

Cross Section -100.0 To 1012. %



26

Incident Energy (eV)

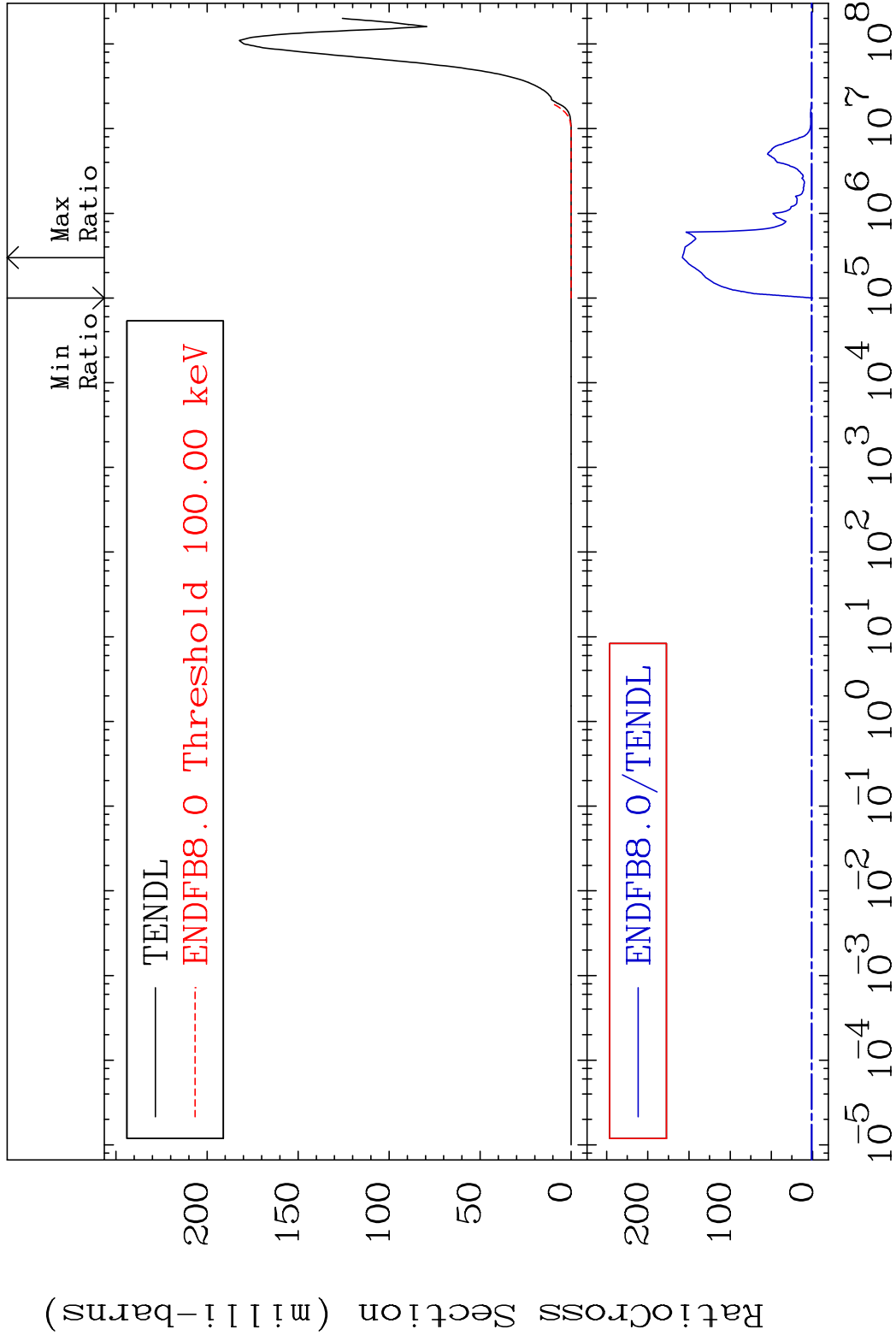
56-Ba-136

MAT 5643

He-4 Production

56-Ba-136

Cross Section -100.0 To 9999. %

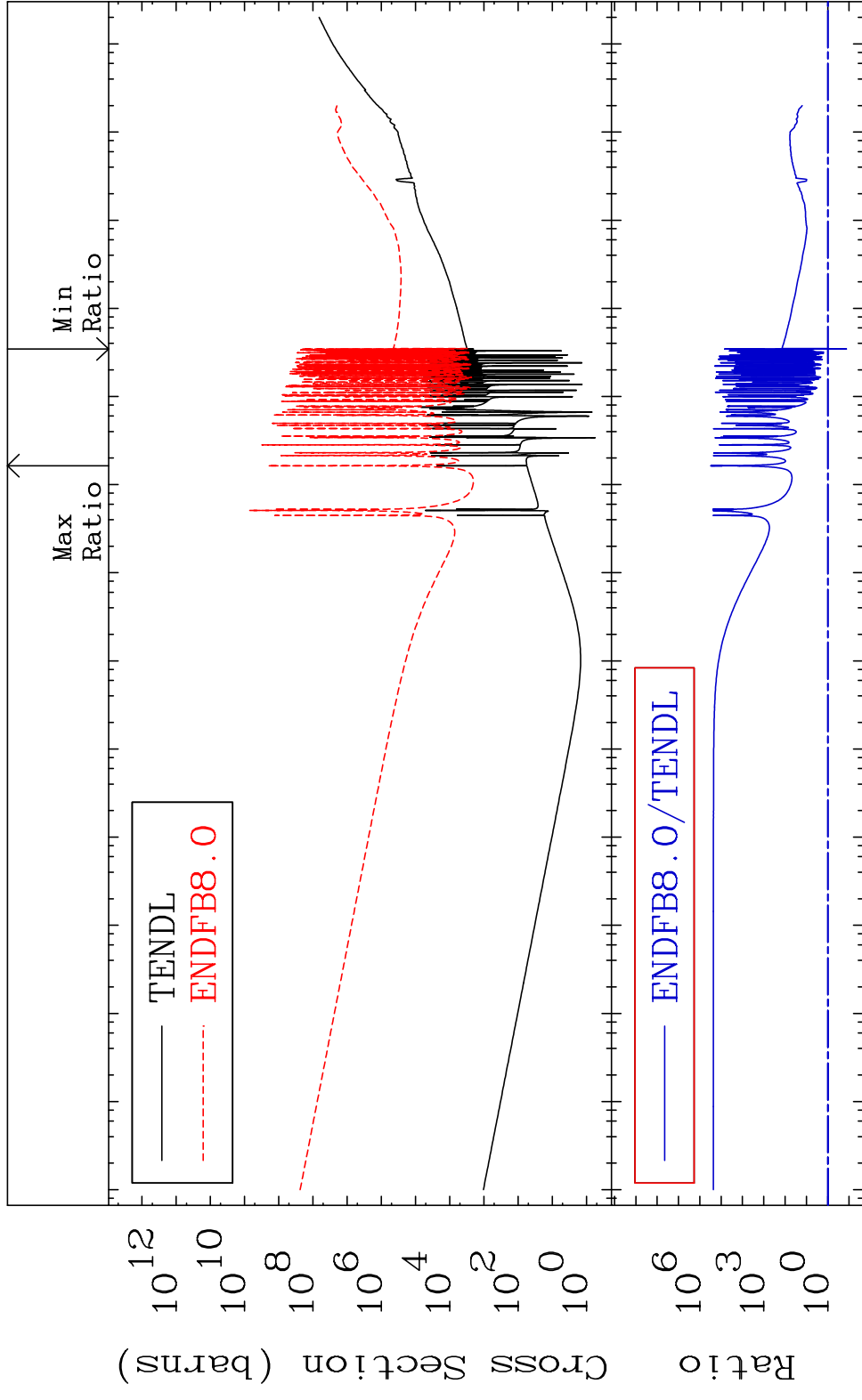


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Incident Energy (eV)

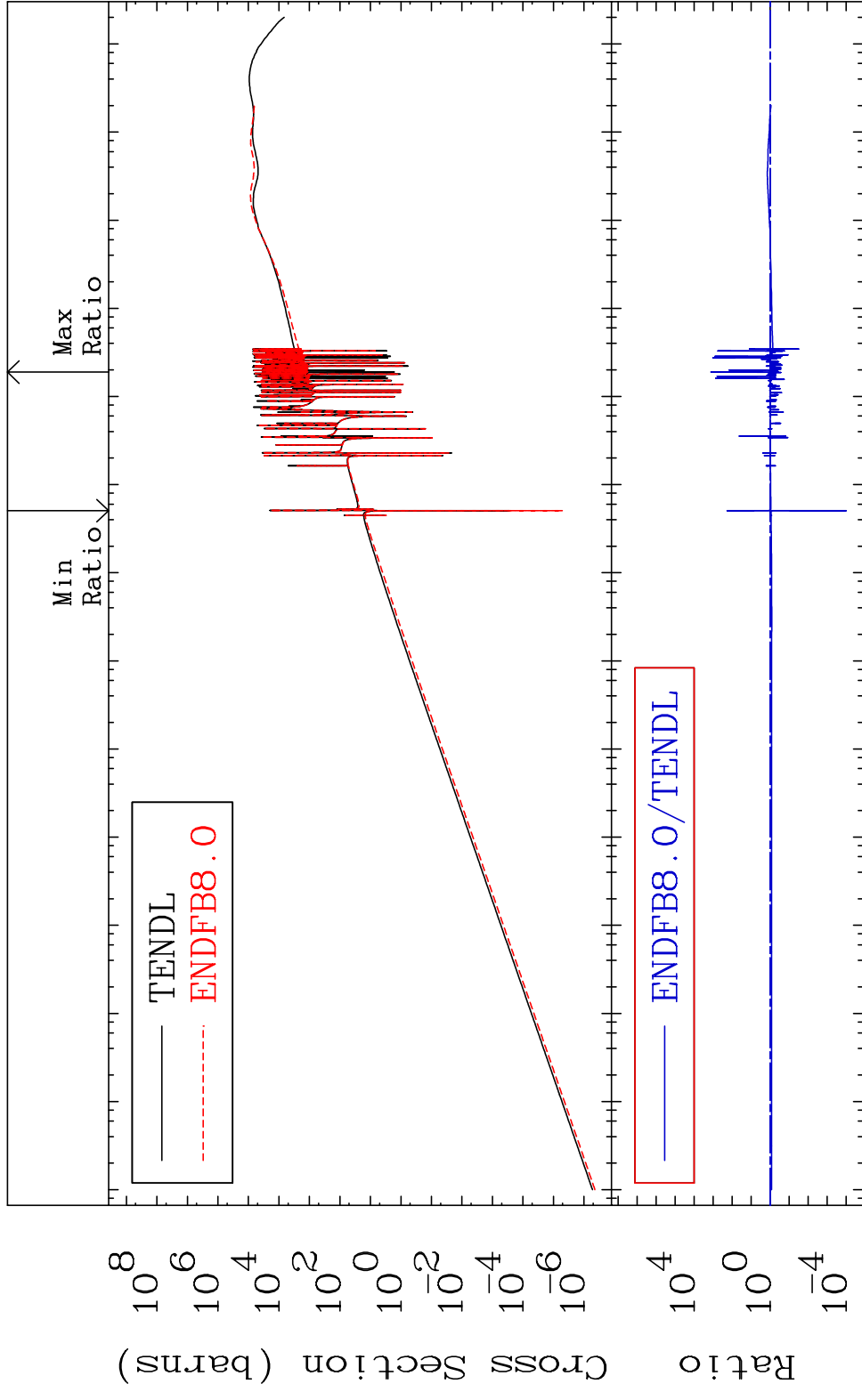
56-Ba-136

MAT 5643 Kerma total (eV-barns) 56-Ba-136
 Cross Section -86.55 To 9999. %



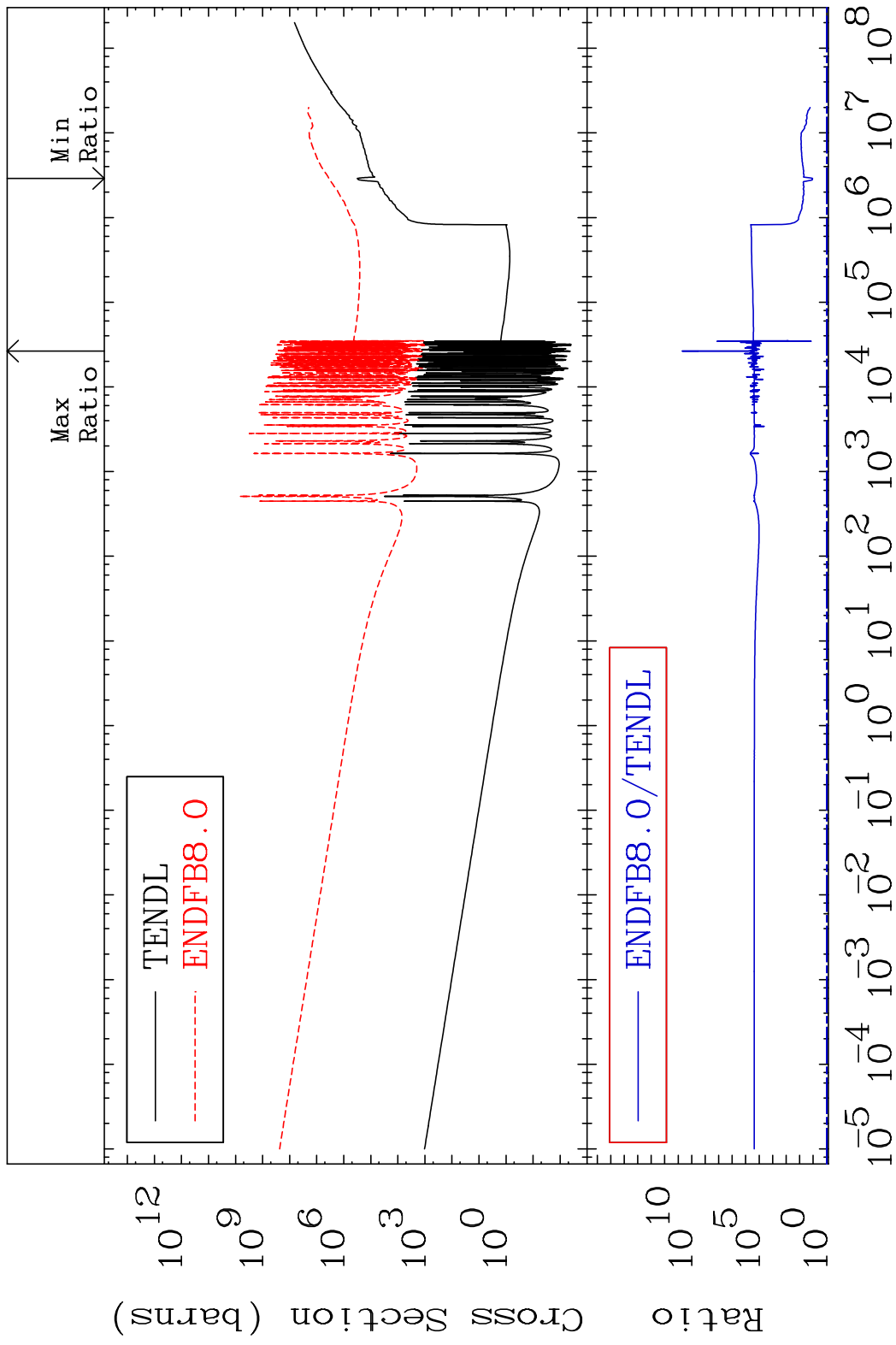
28 Incident Energy (eV) 56-Ba-136

MAT 5643 Kerma elastic 56-Ba-136
 Cross Section -99.99 To 9999. %



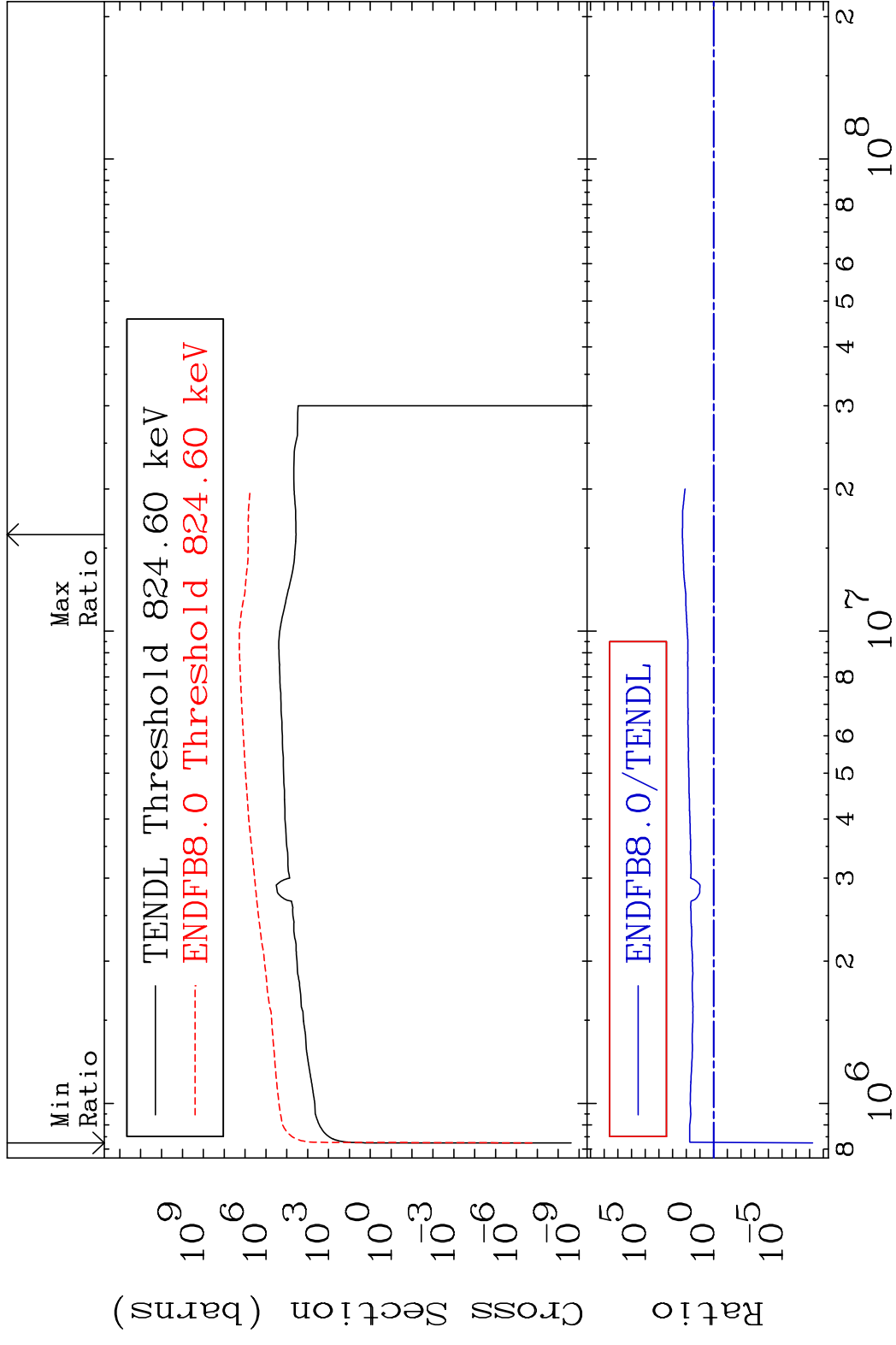
29 Incident Energy (eV) 56-Ba-136

MAT 5643 Kerma non-elastic (all but mt2) 56-Ba-136
 Cross Section 1006. To 9999. %

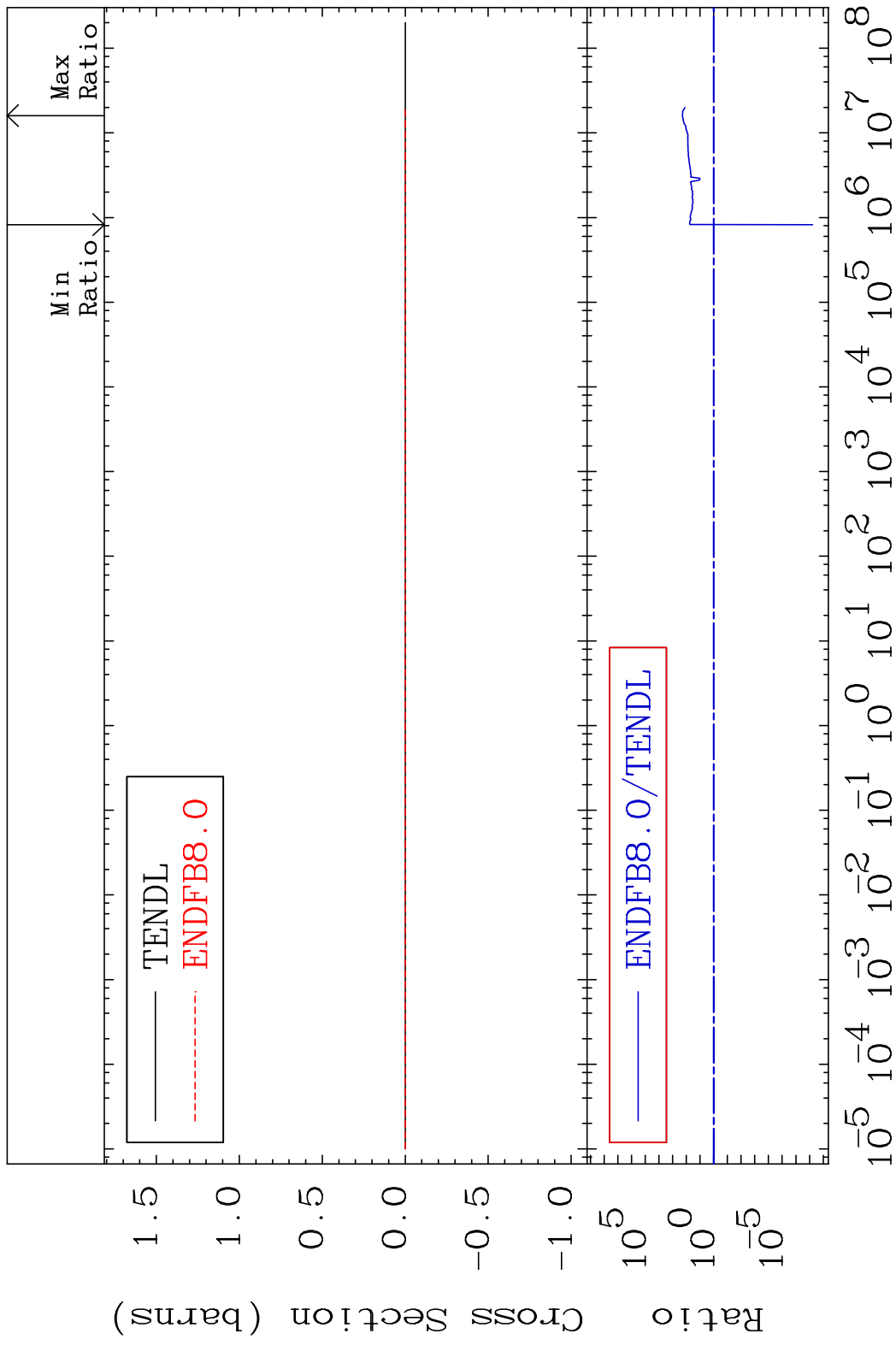


30 Incident Energy (eV) 56-Ba-136

MAT 5643 Kerma inelastic (mt51-91) 56-Ba-136
 Cross Section -100.0 To 9999. %

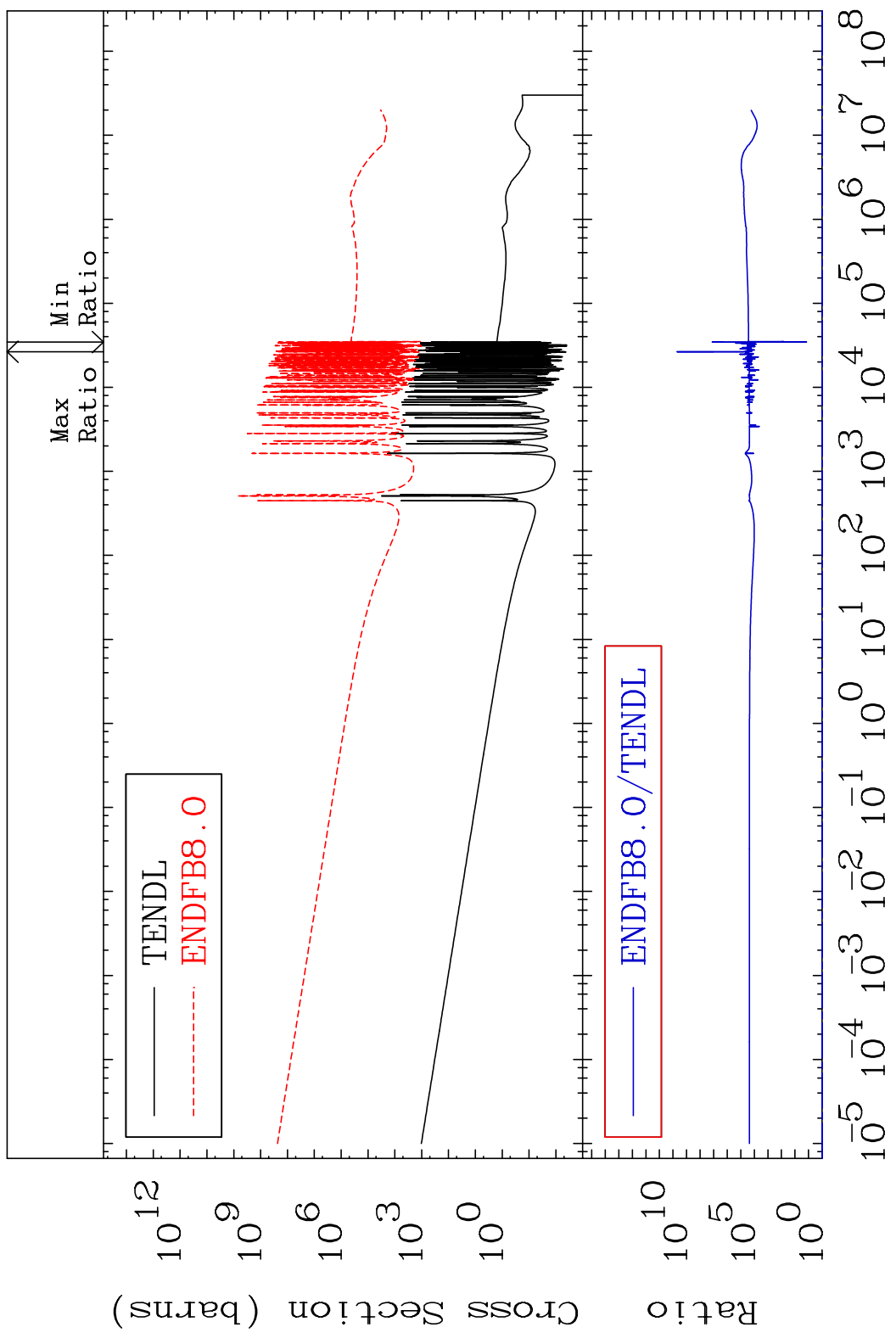


MAT 5643 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-136
 Cross Section -100.0 To 9999. %



MAT 5643

Kerma capture (mt102) 56-Ba-136
Cross Section 1337. To 9999. %

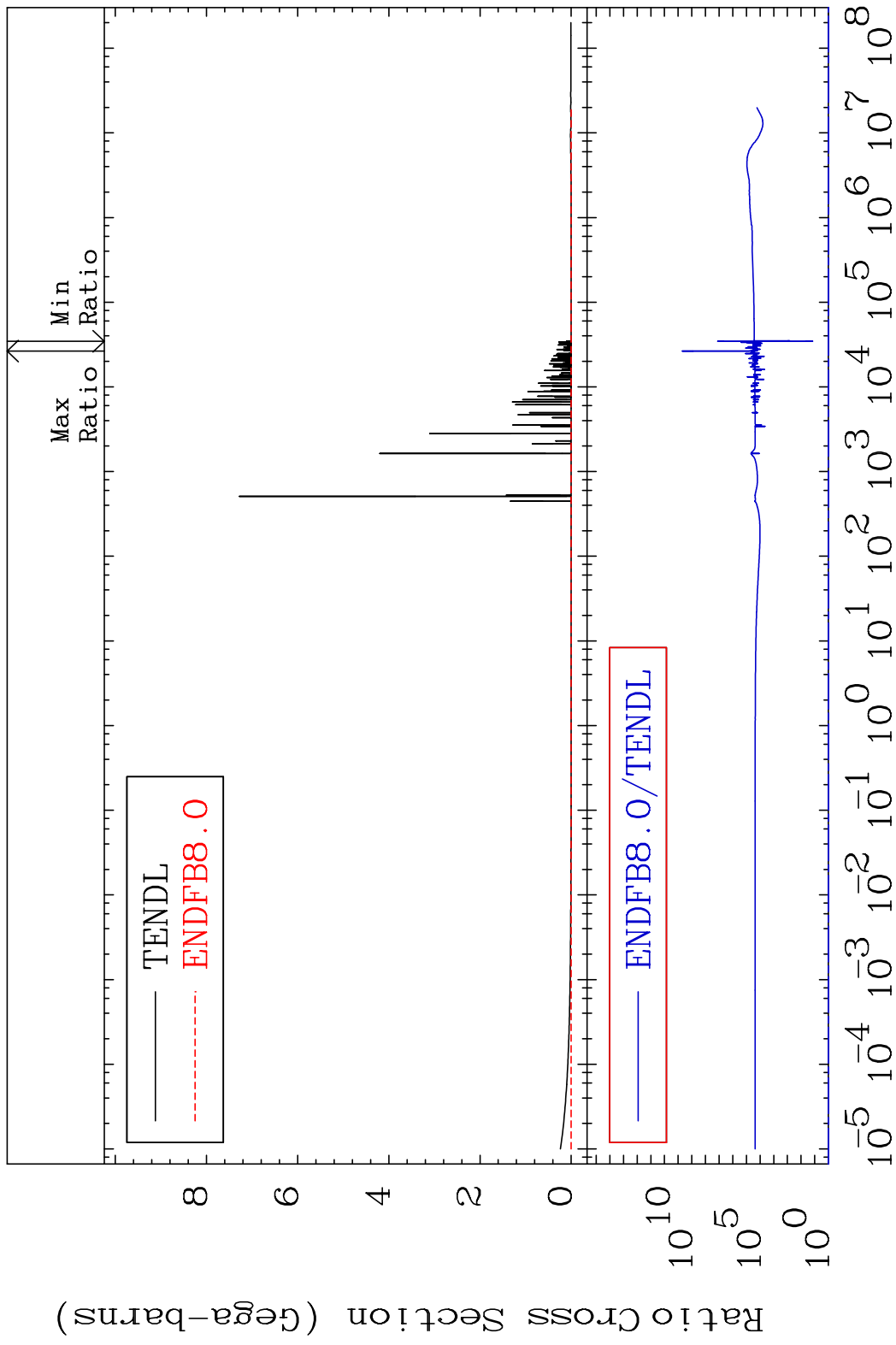


33

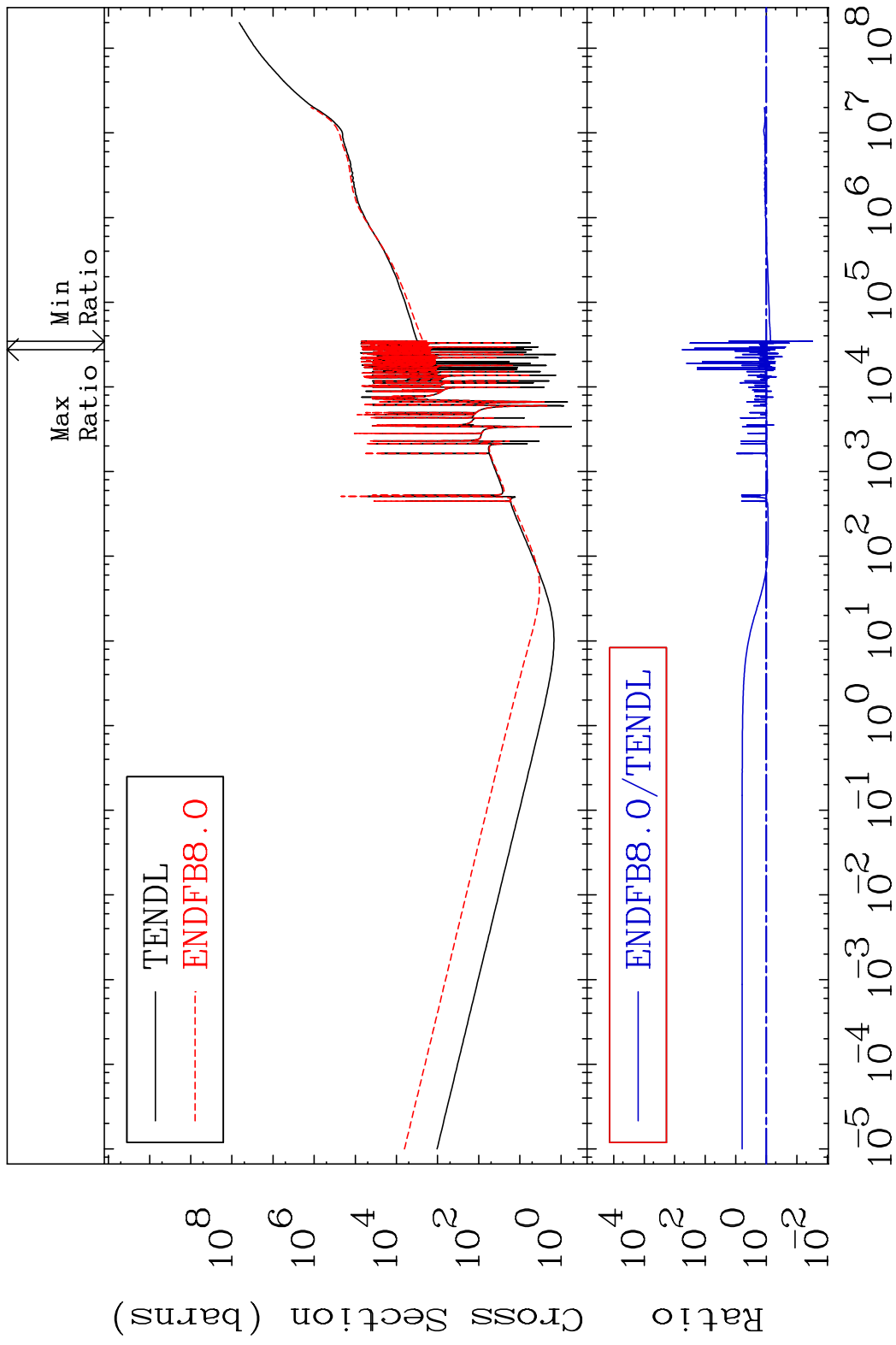
Incident Energy (eV)

56-Ba-136

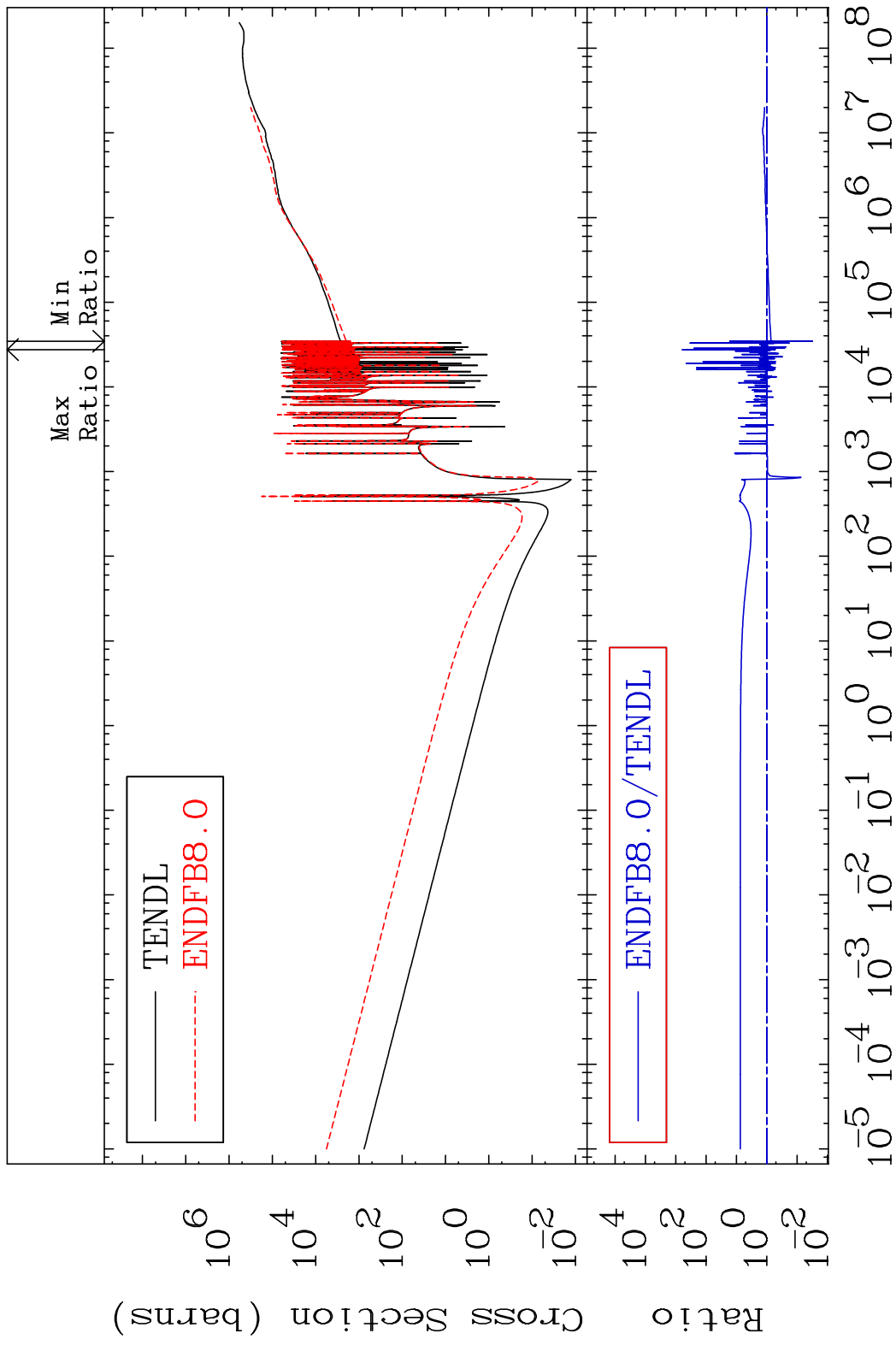
MAT 5643 Total photon (eV-barns) 56-Ba-136
 Cross Section 1337. To 9999. %



MAT 5643 Total kinematic kerma (high limit) 56-Ba-136
 Cross Section -96.92 To 9999. %



MAT 5643 Dpa total (eV-barns) 56-Ba-136
 Cross Section -96.92 To 9999. %

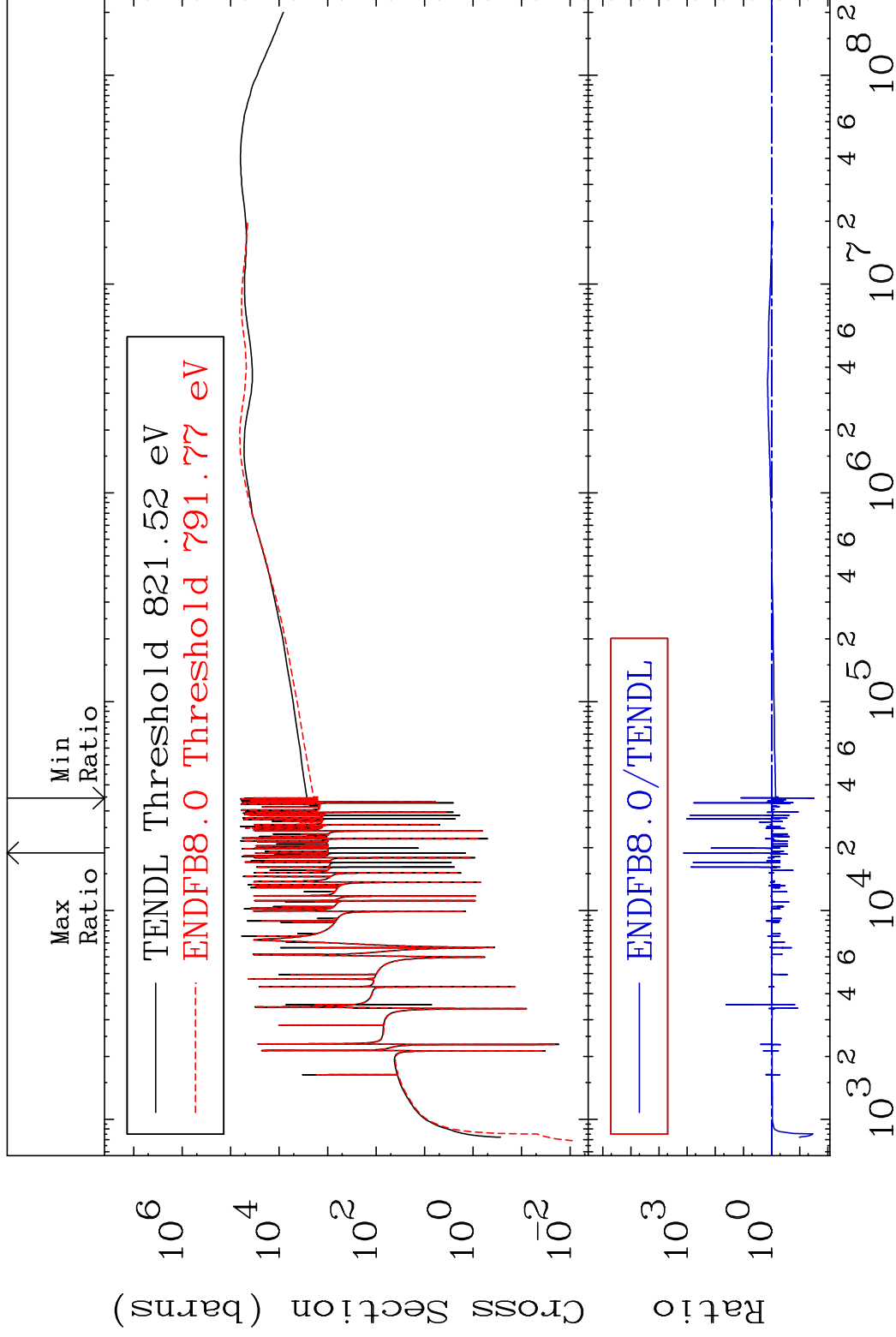


MAT 5643

Dpa elastic (mt2)

56-Ba-136

Cross Section -96.90 To 9999. %

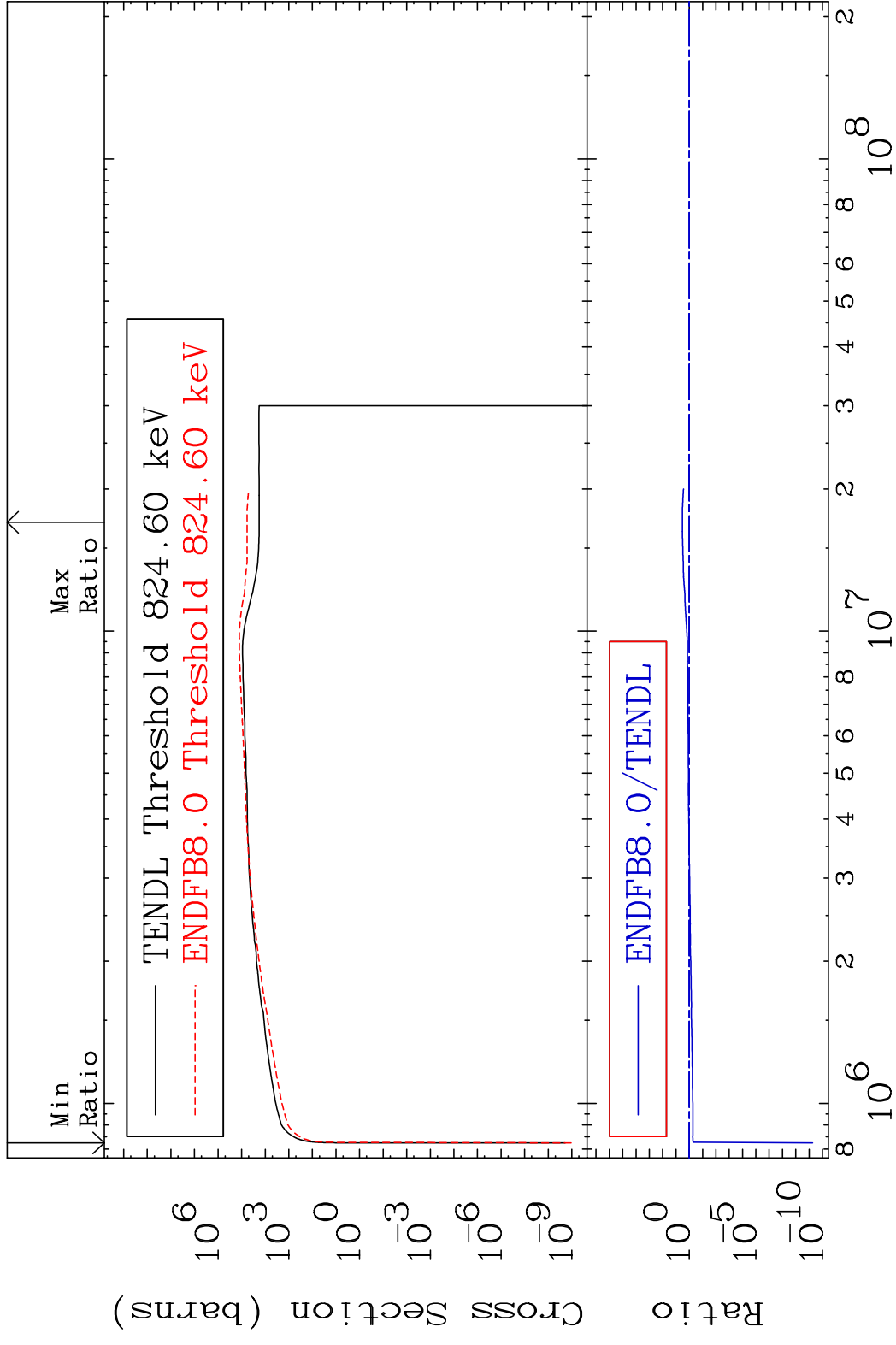


37

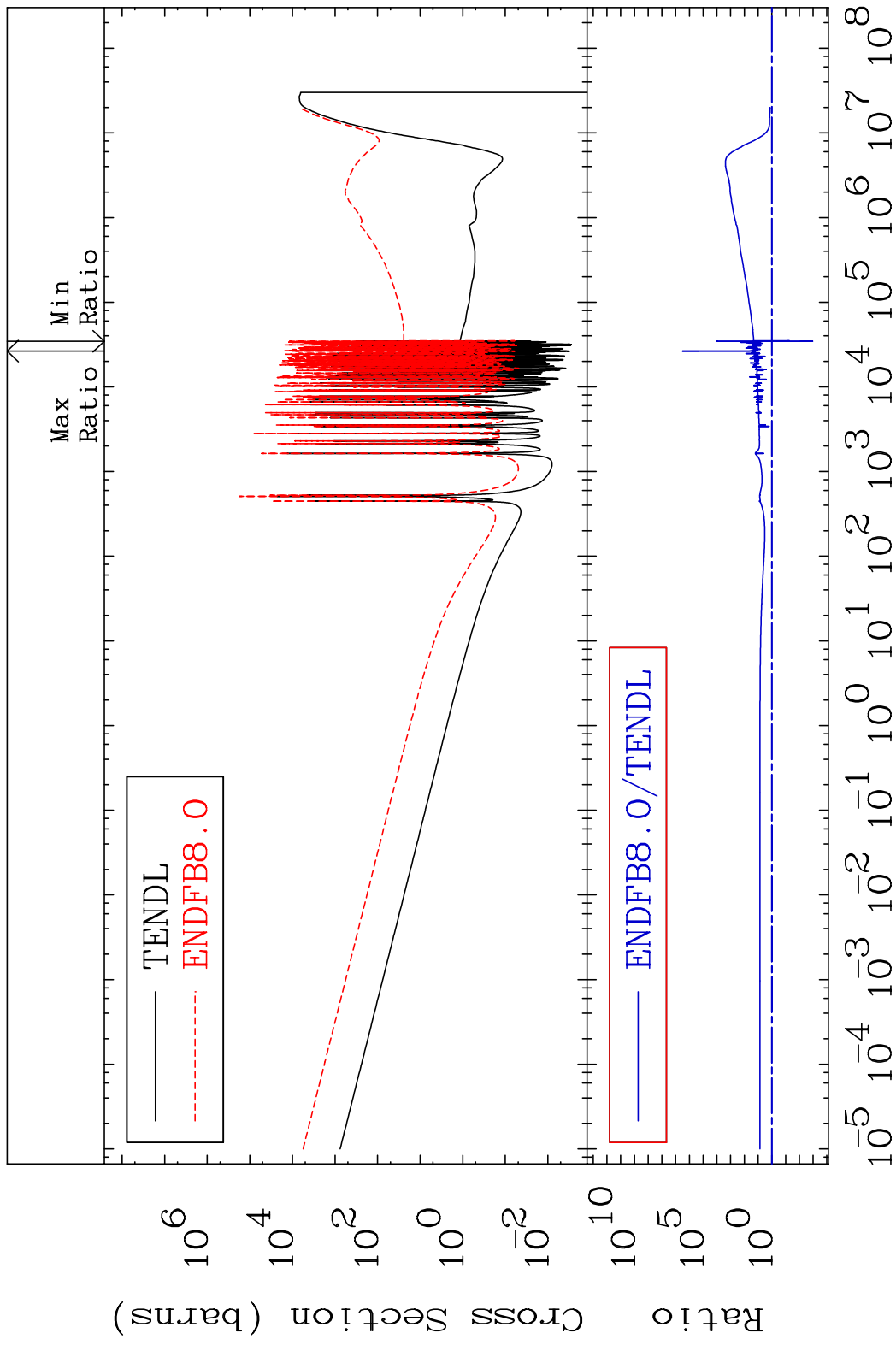
Incident Energy (eV)

56-Ba-136

MAT 5643 Dpa inelastic (mt51-91) 56-Ba-136
 Cross Section -100.0 To 230.0 %



MAT 5643 Dpa disappearance (mt102 -120) 56-Ba-136
 Cross Section -99.89 To 9999. %



39 Incident Energy (eV) 56-Ba-136